

# Student Comments

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## Abstract

“I can live for two months on a good compliment.” — Mark Twain. This text showcases a biased sample of student comments on my teaching.

*Keywords:* narcissism, self-admiration, vanity.

## 1 ACM 95a/100a: Intro Methods of Applied Math

- A huge thanks to Professor Zuev! I have heard horror stories about ACM95, and this term, I did not hear a single complaint from any student taking this class. Professor Zuev’s comprehensive lecture notes, impeccable class organization, thorough problem sets, reasonable exams and grading policy, and great sense of humor left no room for any complaints. Honestly, Caltech needs more professors like him, who can take one of the most dreaded classes and turn it into an enjoyable experience that actually teaches you useful concepts thoroughly, instead of teaching you anger and frustration. I really wish future students would get to experience ACM95A with him.
- Professor Zuev is the best math lecturer I have ever had. His lecture notes are the best lecturer notes I have ever gotten from a class. He is very good at explaining complex topics in a language that people like me, who are not super good at math, can understand... I loved this class, it was very interesting. I was terrified of ACM 95a. I was worried that this class would cause me to change majors. However, Zuev was amazing and I am so glad that challenged myself to take this class.
- Professor Zuev’s teaching style is fantastic. I really like how he records his lectures as he writes down his notes instead of scrolling through a PDF or going through a slideshow. Although all classes are remote this year, Zuev adds personality to his lectures, making it feel like students are actually attending.
- ACM95a has always been known as an exceptionally difficult, poorly taught class in the past but I think all of that is completely untrue for this year’s class taught by Prof. Zuev! His notes are very clear and his lectures are fast but understandable, and the homework reflects what was taught in lectures. That’s not to say the class is easy by any means, but it is certainly reasonable and I learned a lot. I hope Prof. Zuev continues to teach this class in the future so its reputation among the students can change for the better.

- Professor Zuev is the best lecturer I have seen so far in Caltech. Very organized, problems are directly related to what we have learned, reasonable homework policies. Would definitely recommend taking his classes, and especially this one since I learned so much about complex math.
- Kostia is an amazing professor! He explains the concepts very well and will answer questions during and after class.
- Professor Zuev is a very effective lecturer and presents topics clearly and concisely. He can easily understand vague questions from students and give satisfying answers.
- I really appreciated the small dudes/characters Prof. Zuev put in the last page of lecture notes. His espresso shot glass was also amusing to watch as well. Funny things aside, of course Prof. Zuev absolutely amazed us with his coherent speaking/teaching skills even throughout COVID; I really appreciated all that he did to make sure we understood what was going on (his midterm formula sheet was especially helpful for organizing my own notes as well).
- I've had you since ACM116 and you honestly rock! Thanks for making the course reasonable while also allowing me to learn a lot of information. Wish you the best with your research and other course teaching!
- An excellent and funny lecturer. He does a great job organizing his lectures to be reasonably paced. I think the willingness to go over time to ensure people can follow the material at a slower pace is wonderful. I will be seeking out his classes in the future.
- Kostia is a great instructor. He structures his lectures in a very high-paced but very clear manner. His lecture notes that he posts online are amazing. So even if you miss a lecture, you will have all the material the same day. He also answers questions very clearly and is always responsive.
- The professor for this course was incredible. His lectures were fast-paced but very well done and the comprehensiveness of the lecture notes made up for the pace. He seemed to genuinely care a lot about the students and took the time to provide feedback on Piazza.
- Kostia Zuev is my favorite math teacher. The clarity with which he explains concepts as well as his humor and style are outstanding.
- The BEST Prof in this school (Zuev) once again delivered an excellent course. Extremely interesting material, very thorough explanations, very well-paced lectures and challenging yet reasonable and exciting homework problems. I applaud Prof.Zuev for continuing to present such incredible courses.
- I came into this class terrified, because of the reputation it had for being one of the hardest classes at Caltech. The combination of really interesting course material and Professor Zuev's extraordinary teaching made that go away almost instantly. Everything about the course was super well done, from the difficulty of the problem sets, to the pacing of the course. I'd highly recommend taking it!
- I am not a big math person, but I can say with 100% certainty that I learned so much from this class from Prof. Zuev. I never thought that a class about complex analysis and IVPs would be my favorite class, but Prof. Zuev finds a way to make each topic actually interesting and understandable. I am actually glad I was forced to take this class bc of my major.
- This was the first math class at Caltech that I enjoyed. Thank you for everything!

- Phenomenal teaching style – I really love the way you explain concepts and run the course.
- I loved the music for inspiration you added this term, and I really enjoyed the class. Your ability to explain difficult concepts in an understandable way is incredible, and I can confidently say after taking two of your courses that you are the best math teacher/professor I have ever had - no one else even comes close. I'm so incredibly thankful to have had the opportunity to take your classes. Thank you so much for all you do for us.
- ACM95a was a very hard class for, complex analysis and a lot of imaginary math just didn't stick with me very well and I struggled to understand it. However, ACM95a is still easily one of the best classes at Caltech, and Zuev one of the greatest profs at Caltech. I don't think I've seen another prof go to the same measures that he does to make sure his students understand the concepts of the class. It's apparent that not only is he genuinely passionate about the subject, but he also cares deeply for the students.
- Zuev's notes and online lectures were absolutely wonderful. In fact, they are beautiful and simply one of the best lecture notes I've ever seen in my entire undergraduate career.
- This class under Professor Zuev is legendary. I had lots of fun in this class. It teaches you a deep variety of concepts in both complex analysis and differential equations. The occasional proofs are fun, relatively short, and intuitive, unlike most math classes at Caltech - they typically involve just plugging in things and/or taking derivatives or doing series expansions. Zuev's lecture notes are extremely concise and every inch of each page is useful - be sure to study them thoroughly. The sets are reasonable in that they directly overlap with lecture note content, but be ready for knitty gritty MATLAB problems that can sometimes take a while to figure out.
- I took this course out of interest in the content and because I'd heard so much about how great a professor Zuev is. That much is true - Prof. Zuev was a phenomenal teacher with an incredible understanding of how to explain topics clearly and what students could get caught up on. He did everything at a great pace such that if you followed the lectures, there's no reason you should get lost.
- I've suffered through 5 other math courses at this godforsaken school so far, and I can confidently say that ACM95a is the only one that was actually taught well. Zuev is fantastic at teaching, the other math professors at Caltech should seriously consider shadowing him before continuing to teach.
- Professor Zuev is an amazing lecturer, and has a talent for communicating his passion for the subject to his students. This is arguably one of the best taught classes I've ever had at Caltech.
- Your lecture notes and videos are of the highest quality. I really enjoyed taking your class. Thank you so much for teaching us so well!
- Absolutely fantastic job transitioning to an online format - I really enjoyed taking your course and am looking forward to taking more in the future.
- The role of Prof. Zuev in this class can not be understated. It's clear that he either prepares a lot for class, or he is an utter genius. The way he explains content makes things super clear, and you can also he has a lot of passion for the content he teaches. I can not repeat enough how rare it is that we have professors that are so enthusiastic not just about their content, but also enthusiastic

about teaching it (and actually good at it at the same time!). Zuev's youtube lecture videos are clear evidence that pre-recorded lectures are doable.

- Kostia is one of my favorite professors to take a class from here! He is so organized and explains concepts very well. And his uploaded notes are fantastic! He clearly cares about each of his students, even if it is such a large class.
- This class was fantastic!! I really liked the course material. I used to think that complex number were a powerful, but scary concept. But now I feel confident in my abilities to use and apply topics in complex numbers and ODEs.
- Thank you so much Professor Zuev! You are the kind of professor that we wish all professors were like.
- Professor Zuev is such a blessing. I feel like he really cared about us and helping us learn, which is such a feat given that I don't think he knows who I am, or perhaps a lot of his students. Surely online doesn't help with that latter aspect. I really loved the way Prof. Zuev approached lectures. I would follow along on a copy of his lecture notes, while listening to the lecture recordings. Since his lecture notes matched the recordings fairly well, I could always follow along, or stop and read the notes carefully if I didn't understand a part of lecture. I also like his approach to teaching with regards to his balance between theory and practice. I enjoy understanding the "why" behind formulas and concepts, but usually get lost in the proof sections of normal math classes. The proof sketches, which emphasized a logical overview as opposed to nitty gritty technicalities, I found that I could always understand (some with more effort than others) and really enjoyed. Then, there were specific examples included that helped solidify my understanding further. Loved it!
- Thank you for being a clear, informative lecturer. You emphasized the intuition behind concepts and explained everything in good detail.
- Great prof! Can tell he really cares about the class and knows the material inside and out. Answers questions well with good elaboration and reasoning.
- I thoroughly enjoyed your lectures! You are by far the most prepared and eloquent lecturer I have had during my time at Caltech and I am glad that I took this course. Thank you for all the work you put in to making ACM 95A a great class.
- As with other classes, Zuev is an excellent professor who presents the course material in an extremely easy-to-understand manner. His lecture notes are extremely comprehensive, and fairly easy to read.
- This was a fantastic class. Professor Zuev is one of the best professors I've ever had – his lectures were excellent, he was great at answering questions, and he really cares for his students.
- Prof. Zuev is awesome! This is my third class with him (after taking ACM 104, 116) and I wish I could take more. Thanks prof for caring about your students and teaching! :)
- Anything Zuev teaches is great.
- Dr. Zuev is an absolutely brilliant instructor. Best lecturer I have had at CalTech. Well done.
- Zuev delivers a spectacular performance again! Phenomenal lecturer.
- He is fabulous. Probably the best instructor I've had so far.

- You're the best Prof at Caltech, no questions asked. :)
- Your handwriting and explanations are wonderful!

## 2 IDS 157: Statistical Inference

- Kostia is an absolutely fantastic professor. In fact, he is my favorite professor at Caltech to date. He demonstrates superior knowledge of the material, cares about the students, and is an entertaining lecturer. If all ACM professors at Caltech were like him, I might still be an ACM major.
- Best prof I've had. Lecture notes are extremely well written and comprehensive. Great lecturer who often uses real world examples to help concepts make sense.
- I wish that Kostia taught more classes because I would take all of them.
- Prof Zuev is one of the best teachers I had.
- Kostia is a great lecturer and is especially good at explaining the fundamentals of the concepts that you learn. He helps you build an intuition for the material rather than just having you blindly memorize equations and when to apply them.
- Very excellent in making potentially confusing concepts easier to understand. Professor Zuev seems to know well where students may get stuck or get confused. Lecture notes are extremely well organized and beautifully presented that makes reading lecture notes a pleasure.
- Very well done adapting to online learning. Not only this course, but prior courses I have taken from you, have been the best-taught courses by far. Your teaching was very effective and you managed to maintain enthusiasm for the subject despite the artificial barrier of online, for which I am grateful.
- Zuev deserves all his praise! The clarity of his lectures, the impeccable organization of his notes, handouts, and homeworks, and the warmth he brings to an otherwise sterile subject are phenomenal, especially when compared with other required classes. Very happy to have spent another quarter with him as lecturer - I'll certainly remember him as one of my best teachers here.
- Professor can illustrate complicated concepts in a very straightforward and clear way. That's really impressive!
- Prof. Zuev is THE BEST! He is very good at making the students understand key concepts in a simple manner! I specially love the last lecture where he dressed up in celebration of the end of a Zoom academic year!! Thank you Professor! :)
- Professor Zuev taught the class extremely well. My favorite component of his teaching style is relating class concepts to real-world applications, which makes it easier to understand the theoretical principles.
- As a senior CS major interested in machine learning, this class was a solid refresher on statistics and taught me quite a few new things as well. Kostia's lecture notes are extremely well written; he seems to have an almost intuitive understanding of what concepts will be harder for students to grasp and explains said concepts very clearly.

- This is a Zuev course, so I expected it to be excellent; it lived up to the expectations. Zuev is an expert in the field of statistical inference and it shows. His lectures are amazing and he explains concepts elegantly and with really intuitive pictures/examples.
- Excellent course. Anyone interested in statistics should take it.
- Extremely useful course. Taught a bunch of statistics with a far more practical focus than Ma 3.
- As usual, the lectures by Prof. Zuev are awesome. His lecture notes closely follows his class. But, I recommend attending the lectures for better understanding.
- Excellent course. Material is useful, interesting, and the course is fun and at a reasonable level of difficulty. Zuev did a wonderful job making this course accessible for all levels. Zuev's notes are wonderful (and also online), but he's one of the best lecturers I've had at Tech, hands down, and his lectures were completely worth going for.
- It was fun to use everything I learnt to analyse real problems. In fact, in one project for another course, I'm using some of the things I learnt in this class to do some data analysis.
- Course was very well done, unlike most other ACM courses I've taken. Material was very relevant and homework had numerous practical applications, once again unlike most other ACM courses I've taken.
- Honestly, Prof. Zuev was one of the best teachers I have had. His understanding of the material and ability to teach is amazing.
- Having taken several classes with Professor Zuev, my admiration continues to grow. His lectures (and online notes) are well organized and help me produce organized notes. It is obvious that he has a deep understanding of the material and puts thought into how he teaches the course.
- Zuev is the best instructor I have had so far! All of his courses are well prepared and well designed! His lecture notes are so beautiful!!! I really hope that every Caltech instructor can make courses as good as this one.
- I think it's an amazing class, the instructor was very intelligent, responsible, and enthusiastic.
- Simply enjoying having any class taught by Prof. Zuev.
- Really great course to learn statistics!
- You are a wonderful lecturer. Thank you for making getting up for 9am class worth it.

### **3 IDS 158: Fundamentals of Statistical Learning**

- Zuev's consistent excellence in teaching makes this class stand out from the rest of the Caltech ML classes. I believe this class is more suitable for those who want a streamlined introduction to the learning system. Notes and homework are closely correlated, which gives you a strong reinforcement on the topic you learned.
- Very useful course for those who want to learn about statistical learning and the foundation of machine learning algorithms.
- I thought this course was very well-taught and well-developed. I found the lectures to be very informative even though they were virtual, and the sets complemented them well.

- This is one of the best classes I've taken. I've taken other machine learning classes and this one really helped me put the algorithms learned in those classes into perspective.
- Really awesome lecturer, makes difficult mathematical concepts intuitive with excellent visuals and generally doesn't skip steps during derivations.
- Best instructor I have ever had at Caltech. Flawless.
- I feel fortunate to be in your class.
- One of the most useful courses!
- Thank you for putting together a high-quality course in spite of the difficult circumstances of this term!

## 4 ACM 104: Applied Linear Algebra

- Zuev is a great/fantastic/encouraging lecturer. He is very friendly, interested in his lectures, very committed to the class. The homeworks were amazing! The application problems in the problem sets were amazing! Super interesting class. Zuev you ROCK!
- Kostia is a fantastic teacher who motivates the topics extremely well. He is also extremely organized and can answer any question thrown at him.
- Zuev is one of the best lecturer I have had in CALTECH so far. His way of teaching is fantastic, he explains very well and the application problems in the problem sets were amazing!
- Prof. Zuev is a brilliant instructor. Material was presented extremely clearly and at the right pace. His passion for mathematics is contagious and his ability to use interesting real-world applications for concepts learned made the class even more interesting.
- Zuev is hands down one of the best instructors I have had at Caltech. He teaches so well and clearly cares for his students. I have always had excellent interactions with him and seems to give very well put together lectures and assignments. I wish more profs at Caltech were like Zuev!!
- Prof Zuev is the best prof in this school. He is a wonderfully kind soul that cares so much about students and their ability to learn. Prof Zuev has a unique way of lecturing. His lectures are engaging and communicate course material effectively and simply. Always happy to help and shows a true passion for his courses and students. Prof Zuev is able to inspire and motivate students and make them fall in love with math. I know this is true for me!
- This course saved my life. It made me realize I love linear algebra and Zuev is the best teacher I've ever had.
- Prof. Zuev is one of the top instructors I have encountered at Caltech. He shows deep understanding of the material and really cares about students' learning experience. He presents complex topics in a simple way that is accessible to everyone.
- Prof. Zuev is one of the best lecturers I've had while at Caltech. I never left a lecture feeling confused about the concepts that were presented or questioning if what we had just learned was useful. He was also flexible and open toward student concerns.

- Fantastic teacher, one of the best I have had at Caltech. Really liked that the lectures were outlined at the beginning of class and throughout the lecture we naturally progressed through those topics.
- Professor Zuev is an amazing lecturer and probably my favorite Math professor I have had (and I have had many good ones). It continues to amaze me that he never once consults any lecture notes/resource during class but can just lecture for 1.5 hours and produce such accurate notes to those posted to Piazza.
- There is not much to say about Prof. Zuev, other than the fact that he is the best professor I have had in all of my mathematics education. An excellent person, with humour, creativity, and a passion for learning and teaching that rubs off on his students. I wonder where Zuev gets his interesting anecdotes, examples, and applications - they are truly unique I think. I am grateful to have taken a course with Zuev, and I hope to take many more.
- Thank you so much for a great class! It was enjoyable and engaging throughout and I have gained a new appreciation for Linear Algebra due to all of the versatile applications that you explored throughout the course. Your lectures were amazing and structured in a way that aided my learning.
- This class was one of the most interesting classes I have taken at Caltech, most people take Math 1b and might not realize how cool and useful linear algebra can be.
- Dr. Zuev was an excellent Professor. I appreciated how organized the course was, start to finish. The lectures were interesting, well-paced, and clearly well planned out, and the homework assignments allowed me to expand on the applications that were presented in class. The tests were fair, and at an appropriate level of difficulty. Dr. Zuev is an engaging lecturer, and clearly an expert in the field.
- Thank you for being so awesome and supportive! I took this class because I had heard great things about how much you care to teach a solid, well thought out class and about how much you care about students understanding the material. All said and done now, I'm very happy that I signed up, so thank you!
- Zuev is the best. I greatly enjoyed his lectures, from the content to his jokes.
- I really enjoyed Prof Zuev's teaching style. It was engaging and informative. I will definitely take more courses with him.
- Kostia teaches valuable insights that I can almost guarantee you will use at some point in your career. In the last class, he gave an example of how singular value decomposition (SVD) and principal component analysis (PCA) could be applied even in political science.
- An all-around truly outstanding instructor. One of the best I have ever had.
- Kostia is a wonderful teacher, very knowledgeable and so well prepared for every class. The logic is always very clear with examples to illustrate each point as well. Every aspect about the course, (homework, exam, piazza and etc) is just so top quality within Caltech.
- Professor Zuev is an excellent lecturer and describes the concepts clearly, never failing to justify what he is writing on the board, and frequently circling back to the original goal of the proof to make sure we do not lose sight of where we came from and where we're going. He states all assumptions, writes out all necessary steps, and his proofs are intuitive to follow. So, thank you!



- Professor Zuev is an excellent teacher and lecturer. His lectures are well planned, he clearly explains concepts and often relates class concepts to real-world applications. I was never lost in class, and learned useful concepts that applied to my other classes in aeronautics and control theory. Professor Zuev was easy to reach outside of class, and would also take the time to point to resources outside of the class where students could learn more about useful related topics not covered in the course.
- Kostia was an excellent professor on all counts. His lectures were insightful, clear, and engaging, and he was always willing to answer questions. His lecture notes were an incredibly helpful resource that I hope he continues to use.
- Kostia is an amazing instructor. His notes are very clear, his course is well organized, and I love that he integrates applications into the course because they make things more interesting.
- I really like the amount of intuition Zuev gives with his explanations, it makes the understanding much deeper.
- This is one of the most useful classes you can take at Caltech. Linear algebra is highly applicable to all fields, and this class neatly integrates the theory with applicable practices. Take this class some time before you graduate.
- Prof. Zuev did a great job teaching this course, and I applaud him for keeping the class interesting despite teaching two classes back-to-back. He also did a great job at answering questions on Piazza very quickly.
- Prof. Zuev is very thorough and outstanding lecturer.
- Kostia is one of the best profs I've encountered so far! His explanations are very insightful and the content continuity from one topic to another is just perfect!
- My goodness, Kostia is the best professor I have had at Caltech. I had not understood the basic underlying machinery of Linear Algebra before, but Kostia taught it in such a way that anyone can derive basic principles from scratch.
- Excellent instruction. Somehow was able to give fast-paced 90 minute lectures without ever referencing his own notes or having to rely on slides.
- Teaching skills are great! He really handles this huge class well.
- Loved the course material and homeworks.
- I really enjoyed going to lectures for this class, they were always interesting and useful.
- Your notes and teaching were fantastic! I wish I had the opportunity to be in a smaller class though because I feel like you really excel at direct student interactions.
- Great class. I took it as a CS major intending to get a better LA background for machine learning etc, and found it super useful. I think I learned way more from this class than Ma1b, and understood much more in depth. Zuev is a great lecturer. I skip lectures for most classes since I find most lectures are either too fast or slow-paced, but I attended almost all of Prof. Zuev's lectures because they were legitimately a super-efficient way of absorbing information.
- Definitely take this class offered by Prof. Zuev. Your understanding of linear algebra will significantly improve, and you will have all the support you need.

- This class is much better than the linear algebra class offered in core. I actually know what an eigenvalue is now.
- I would like to recommend this course to anybody who is looking for some application kind of stuff in mathematics because of the way this course is designed. It includes various cool applications of linear algebra along with basic understanding of the general concepts of linear algebra.
- This class was exactly the linear algebra course that I wanted: there was enough emphasis on theory and conceptual/mathematical understanding that the topics made sense, and enough focus on applications that I remained interested in the content (it linked directly to my other courses, and my research needs). Excellent overall.
- You were very helpful in clarifying the doubts at different stages of the class. The way you make transition to a different topic during a lecture is very satisfying and keeps us enticed to your lecture. The concepts were explained in a neat and clear fashion. Your teaching created love towards linear algebra in me. Certainly Linear Algebra is the king of mathematics.
- This was one of the best courses I've had at Caltech so far. The material was interesting and explained well and the MATLAB applications were very useful and interesting to include. Would highly recommend this course.
- If you use the PageRank algorithm, this is by far the most important course at Caltech.
- Really nice class, I liked the connections of concepts to real world applications.
- A fantastic course. Zuev is the best teacher I've ever had. As a graduate student, I don't have many courses but I'll certainly be taking more of his classes.
- Linear algebra was my least favorite class (and worse grade) in undergrad. Dr. Zuev made linear algebra understandable and (do I dare say?) fun. I cannot recommend this class highly enough.
- It is a great course to take, especially if you are interested in machine learning - the course explains a lot of math underlying machine learning concepts.
- Great class!... Also, Kostia is awesome!!

## 5 ACM 116: Introduction to Probability Models

- You are the best teacher I've ever had. Please continue to do whatever it is you do, every single student at this school knows of your work and appreciates you. This class was a masterpiece in terms of marrying conceptual understanding with computational work.
- He is perfect because he has a high sense of humor and explains the concepts through basic and real application.
- This is quite possibly the most well-put-together courses I've taken at Caltech. Kostia's organization is superb, with the lectures, homeworks, and exams all complementing one another very nicely. The lecture notes he posts online contain everything you need to know and then some (although you should still try to attend lectures because they're good!). Overall I thought I got a lot out of this course and I'm really glad I took it!

- I am amazed at this man's capability to deliver a 1.5 hr lecture without referencing any notes, and then repeat for ACM104.
- Professor Zuev is probably a celestial being cloaked in a human vessel. Always amazed at how deep and fundamental his mastery is. To have an understanding such that he knows exactly in which way to present information to others in a clear and logical way—I feel that to have that knowledge, one must somehow be a god. Great orator, amazing professor, and also very very nice and funny!
- Professor Zuev was a clear, organized lecturer and welcomed questions as well as emphasized practical analogies and understanding rather than sinking into the depths of formal theory. Friendly and knowledgeable.
- I think the instructor did a good job adapting to teaching in the online environment and his halloween hat definitely made the term better!
- Professor Zuev's lectures are really really clear and helpful to learn. Also he provides motivations/explanations on some abstract concepts.
- I liked Kostia. He was very accommodating and knew and taught the subject very well. It was great he treated his classes very seriously, which inspired me to keep trying hard in the class, even though it was super hard.
- I enjoyed Konstantin's lectures. They are concise but still cover all of the necessary material. He does a good job answering questions when they are relevant to the course and taking them offline when they are not.
- We've said this over and over again, year after year, but Zuev is really carrying the ACM department on his back. ACM116 is another amazing course; fantastic material, well-paced; fair sets; great lectures; brilliant notes. This course also fixed a lot of the damage Ma3 had done last year (those who know will understand). Thank you Prof. Zuev and course staff for an incredible experience in this class.
- Prof. Zuev was a really awesome instructor; he did a really good job explaining the topics in a way that made sense and was engaging. I definitely felt like I got a lot from this course, and was always pleasantly surprised with how much I was able to learn after every lecture! He also seems like a very nice professor who really cares about his students. Thanks Prof. Zuev!!
- Zuev is a great teacher! Explains things very well. Also, this class was a very good class, and covered a lot of the material that an introductory probability and statistics class should. Overall, it's kept practical enough that it's very approachable for engineers and yet hints at the important theoretical foundation so that we get a good grounding in probability. Overall, awesome class.
- Kostia was amazing! He really knew the material and he always made lecture very worthwhile to go to. Even in the lecture format he made the class very engaging and I always had a good understanding of what was going on. I also really liked his notes and his assignments and exams were both very well written and clear.
- Definitely the best instruction I've gotten since I've come to Caltech. All the lectures were very well-structured, well-planned, and well-executed. It's no wonder that students consistently enjoy classes taught by Zuev—he genuinely cares about making the material accessible and students' understanding of it.

- The course was great! It was a much more thorough presentation of probability with applications, and I've already seen many of the concepts come up throughout my research and work in other fields. It was great that we worked through full examples for almost everything and the homework really emphasized our conceptual understanding and improved our mastery of the material.
- Thanks to this course, I have a more fundamental and profound grasp of the objects, functions, and concepts of probability that I work with on a regular basis but never realized the hidden depths of. I enjoyed every lecture delivered by Dr. Zuev, who is a masterful instructor.
- Professor Zuev is my favorite professor at Caltech because his problem sets and exams show the beauty and applications behind the material. The effort he puts into the class is apparent in lecture notes and lecture itself as well as in help forums.
- I came into this course as a grad student with very little probability background. I thought it was challenging and rewarding. I learned a lot that will be applicable to my future research and work.
- The course was great. The lecture notes were clear and organized, and were easy to reference for the homework. The homework assignments taught me a lot, and solidified things we learned in lecture.
- I learned so much in this class. It was very, very helpful, and seems to be applicable to so many areas of research. Even if this class is not a requirement, you should definitely take it!
- Loved the course material - I know I will be using the tools and methods taught in this course for years to come!
- This class was wonderful! It was incredibly well-organized and it's clear that Kostia put a lot of time into making it as effective of a learning tool as possible. Thanks!
- Kostia is one of my favorite professors here! His lectures are well done and you can tell that he cares about pedagogy and that his students have adequate resources to aid them (a very well run Piazza page and an army of TAs help). I enjoy his teaching style and know that courses he offer will be well done, he is very reliable.
- Dr. Zuev is a wonderful lecturer, and it was worthwhile for me to get up to make the 9am. Zuev's instruction makes a difficult subject seem easy and intuitive. If you can't make lecture, the notes are great too!
- Every Zuev class I've taken has been fantastic, and this is no exception. The course notes and lectures are incredibly organized and clear, and the problem sets are the perfect balance of reflecting course material while still being challenging.
- Kostia Zuev is a wonderful lecturer and the 9am lecture is worth waking up for.
- Take this course!!!! Probability is super useful and Kostia is great!

## 6 ACM 11: Introduction to Matlab and Mathematica

- I thought that this class was a great class for learning mathematica/matlab. As always, Zuev's class was excellently prepared and was very applicable and useful.

- This class is amazing, even though the first MatLab project took a little bit longer than expected, the rest of the class was amazing. I'm so thankful I have taken the class as I now have the knowledge to apply to other classes.