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# Cédric R. Anen

## EDUCATION

**CALIFORNIA INSTITUTE OF TECHNOLOGY**, *Pasadena, CA, USA.*

Ph.D. Electrical Engineering, expected June 2007 (GPA: 3.9/4.0).

**CALIFORNIA INSTITUTE OF TECHNOLOGY**, *Pasadena, CA, USA.*

M.S. Electrical Engineering, June 2003 (GPA: 3.9/4.0).

**ÉCOLE SUPÉRIEURE D'INGÉNIEURS EN ÉLECTRONIQUE ET ÉLECTROTECHNIQUE (ESIEE)**, *Paris, France.*

M.S. Electrical Engineering (*Diplôme d'ingénieur*, a five-year electronic engineering degree with emphasis on signal processing and communication systems), June 2002, ranked first.

**UNIVERSITÉ PIERRE ET MARIE CURIE**, *Paris, France.*

B.S. Mathematics, June 2000.

**UNIVERSITÉ DE MARNE-LA-VALLÉE**, *Marne-la-Vallée, France.*

B.S. Computer Science, June 2000, awarded with merit.

## FIELDS OF SPECIALIZATION

**PRIMARY:** Neuroeconomics, Signal Processing

**SECONDARY:** Decision Theory, Behavioral Economics, Neuroscience

## LANGUAGES

English, French, German, Luxembourgish.

## PROFESSIONAL EXPERIENCE

**Coach** to NCAA Fencing Team, California Institute of Technology, *2004-present.*

**Research Assistant** to Professor Steven Quartz, California Institute of Technology, *2003-present.*

**Teaching Assistant** to Professor Robert McEliece in the course "*Information Theory*", California Institute of Technology, *Fall 2002.*

**Teaching Assistant** to Professor Babak Hassibi in the course "*Communication Systems Fundamentals*", California Institute of Technology, *Spring 2002.*

**Teaching Assistant** to Professor Robert McEliece in the course "*Signals, & Systems and Transforms*", California Institute of Technology, *Fall 2001 & Winter 2002.*

**Engineering Intern** to Eric Bourbao, M. Eng. on project "*Cryptographic Attacks on Smart Cards*", Schlumberger Sema, Paris, France, *Spring 2001.*

**Engineering Intern** to Professor Berger on project "*Study and Simulation of a Linear Antenna Array in a Noisy Environment*", E.S.I.E.E., Paris, France, *Fall 2000.*

**Engineering Intern** to Professor Michel Couprie on project "*Implementation of a Computer-based Algorithm to Recognize Fingerprints*", E.S.I.E.E., Paris, France, *Winter 2000.*

## **PUBLICATIONS**

Tomlin D, Kayali M, King-Casas B, **Anen C**, Quartz SR, Camerer CF, Montague PR. Agent-specific Responses in the Cingulate Cortex during Economic Exchanges. *Science* 312:1047-1050 (2006).

King-Casas B, Tomlin D, **Anen C**, Camerer CF, Quartz SR, Montague PR. Getting to Know You: Reputation and Trust in a Two-Person Economic Exchange. *Science* 308:78-83 (2005).

**Anen C**, King-Casas B, Tomlin D, Camerer CF, Quartz SR, Montague PR. Neural Correlates of Trust in a Two-Person Dynamic Social Exchange Task. *SfN* (2004).

**Anen C**, Tomlin D, King-Casas B, Camerer CF, Montague PR, Quartz SR. Neural Correlates of Strategic Uncertainty Predict Choice in a Social Exchange Task. (submitted)

**Anen C**, Tomlin D, King-Casas B, Camerer CF, Montague PR, Quartz SR. Game Dynamics in a 2-person Trust Game: A Correlation Analysis. (in preparation)

## **WORK IN PROGRESS**

“Consistency of Preferences in Moral Decision-Making” with Ming Hsu and Steven Quartz.

“Bayesian Updating and Entropy” with Ulrik Beierholm, Peter Bossaerts and Steven Quartz.

## **ACADEMIC HONORS AND AWARDS**

**Fellowship** from the Association of Engineers, Luxembourg (A.L.I.), 2004.

**Graduate Research Assistantship**, California Institute of Technology, 2003-present.

**Fulbright Fellowship** for M.S. Studies at the California Institute of Technology, 2002.

**Ranked 1<sup>st</sup>** among 120 students at ESIEE graduating class of 2002.

**Scholarship** from the French Government, 1999.

**Josy Barthel Award** for excellence in both academics and sports, 1998.

**Finalist** at the Mathematics Olympiad, Belgium (O.M.B.), 1995 & 1996.

## **ATHLETIC HONORS AND ACHIEVEMENTS**

**9<sup>th</sup>** at the European Fencing Championships, Bonn, Germany, 2001.

**Olympic Fellowship** “Sydney 2000”, International Olympic Committee (I.O.C.), 1999-2000.

“**Luxembourg’s Athlete of the Year**” Award, nominated in 1998, 2001 & 2002.

**Finalist** at the Junior World Fencing Championships, Caracas, Venezuela, 1998.

**Elite athlete**, Luxembourg Olympic Committee (C.O.S.L.), 1995-2000, 2002, 2003.

**Will Junck Trophy**, rewarding Luxembourg’s best High School Athlete, 1995.

## **REFERENCES**

*Steven R. Quartz*, Director Social Cognitive Neuroscience Laboratory & Associate Professor of Philosophy, California Institute of Technology, Pasadena, CA.  
Phone: 626-395-4401, e-mail: steve@hss.caltech.edu.

*P. Read Montague*, Director Human Neuroimaging Laboratory & Brown Foundation Professor of Neuroscience, Baylor College of Medicine, Houston, TX.  
Phone: 713-798-3134, e-mail: read@bcm.tmc.edu.

*Colin F. Camerer*, Rea A. and Lela G. Axline Professor of Business Economics, California Institute of Technology, Pasadena, CA.  
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