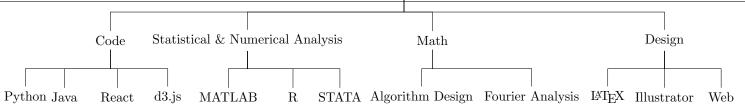
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# Ziv G. Epstein

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# **EDUCATION**

# Massachusetts Institute of Technology, Cambridge, MA

Expected May 2019

Masters of Media Arts & Sciences in MIT Media Lab. Scalable Cooperation group, advised by Iyad Rahwan

Pomona College, Claremont, CA

May 2017

Satisfied major requirements for Media Studies, Computer Science and Mathematics, GPA 3.88/4.00

Aquincum Institute of Technology, Budapest, Hungary

Fall 2015

#### EXPERIENCE

#### Massachusetts Institute of Technology, Cambridge, MA

June 2015 - August 2016

Researcher and software developer for Laboratory for Social Machines at MIT Media Lab

• Designed and implemented web scraper, back-end database and visualization interface as a functional component of LSM's JMAP/Electome project to navigate, quantify, aggregate and understand online journalism and in particular the 2016 Presidential Election. Affiliated with the MIT Summer Research Program, then rehired as private contract.

# Yale University, New Haven, CT

October 2012 - Present

Data Science Researcher at Human Cooperation Lab

• Design experiments and computational models, collect/analyze data and write papers to study and quantify human cooperation within an interdisciplinary environment. Funded by Pomona College Summer Internship Grant.

#### Harvard University, Cambridge, MA

June 2012 - October 2012

Intern at Moral Cognition Lab

• Designed experiments, ran in-lab studies and learned literature for moral psychology as only high-school student in upper division summer internship program.

#### EXTRACURRICULAR ACTIVITIES

Planetarium Operator, Claremont, CA

May 2016 - May 2017

Create planetarium content, develop software, maintain hardware, present shows and chair commmunity engagement for Pomona's digital 25-foot planetarium.

### Liason to Pomona Math Department, Claremont, CA

June 2014 - May 2015

Plan department activies and serve as intermediary between Pomona math students and professors.

Teaching Assistant for Linear Algebra, Claremont, CA

August 2016 - December 2016

# PUBLICATIONS | PRESENTATIONS | AWARDS

- Epstein ZG, Peysakhovich, A. & Rand, DG. The Good, the Bad, and the Unflinchingly Selfish: Cooperative decision-making can be predicted with high accuracy using only three behavioral types. *Proceedings of the Conference on Economics and Computation* July 2016. Available at http://papers.ssrn.com/abstract\_id=2737983
- Devadoss, S, **Epstein ZG**, & Smirnov, D. Visualizing Scissors Congruence. Symposium on Computational Geometry June 16, 2016. Application available online at http://dmsm.github.io/scissors-congruence
- Rand DG, & **Epstein ZG**. Risking Your Life Without a Second Thought: Intuitive Decision-Making and Extreme Altruism. *PLoS ONE* October 15, 2014. Listed as one of the Top 10 Insights from the Science of a Meaningful Life in 2014 by the Greater Good Science Center at UC Berkeley.
- Padula WV, ..., **Epstein ZG**, ... et al. Using Clinical Data to Predict High-cost Performance Coding Issues Associated with Pressure Ulcers: a multilevel cohort model. Journal of the American Medical Informatics Association (JAMIA), 2016. In Press.
- The Barry M. Goldwater Scholarship highly competitive national award for future scientists (2016)
- The Jaeger Mathematics Prize awarded to a first-year student for excellence in mathematics (September 2014)
- First Place in 5C Hackathon Advanced category. Built shortest path finding system for Wikipedia (April 2015)
- D21 Sponsor Prize winner at the Stanford TreeHacks hackathon. Build online political conflict analysis metric using D21 voting paradigm (February 2015)