



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 community engagement for Pomona's digital 25-foot planetarium.
- Liason to Pomona Math Department**, Claremont, CA June 2014 - May 2015
Plan department activities 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.

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- 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)