

CRAIG FRATRIK

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EDUCATION

Duke University (Durham, NC) July 2015 to Present
PhD Candidate, Economics

- Research: central banks with private information and uncertain preferences
- 1st Year PhD Macroeconomics, Teaching Assistant, 2016–2017
- PhD Student Math Camp, Instructor 2017, 2018, 2019
 - Transitioned course to team-teaching to pass down institutional knowledge
- Catherine England & Craig Fratrik, “Where to Bitcoin?,” *Journal of Private Enterprise* 33

Harvard Law School (Cambridge, MA) June 2015
JD, *cum laude*

- *John M. Olin Fellow in Law and Economics*, 2014–2015
- *Journal of Law and Technology*, Submissions Manager, Article Editor, and Digest Author
 - Worked as part of team as second stage of article review
- *Harvard Negotiation Institute*, Teaching Assistant June 2014
- Court Mediator in Massachusetts Small Claims Court

Rice University (Houston, TX) May 2006
B.A. Computer Science, Math, *cum laude*

- Club water polo for 4 years (co-president, senior year)

WORK EXPERIENCE

Amazon (Seattle, WA), Economist Intern June 2020 to August 2020

- Used dynamic panel to improve device sales forecasts

Legal Internships Summers: 2013, 2014
Andrews Kurth (Startups), Norton Rose Fulbright (Patents), Electronic Frontier Foundation (Patent Trolls)

Mixtent (Palo Alto, CA), Software Engineer January 2011 to March 2012
Mixtent started in 2010 to improve job matching. It was acquired by Facebook in 2013.

- Ranked potential hires by peer assessment; developed physics-based visualization of social networks
- Extensively mentored newer members as they joined the team

Facebook (Palo Alto, CA), Software Engineer December 2008 to August 2010

- Conceived of and implemented an internal tool for organizing and delivering Hackathon demos
- Supported the Help Center for 12 months, serving 3 million page views per day

Sparta (Centreville, VA), Software Engineer Summer 2004; August 2006 to November 2008
My group at Sparta, a government contractor, specialized in communication network processing. We worked with members of the intelligence community. Sparta is now part of Parsons Corporation.

- Made major architectural contributions to a high-speed network engine
- Received Top Secret security clearance and worked with classified data

Microsoft (Redmond, WA), Software Development Engineer Intern Summer, 2005

- Developed an implementation and test application for RAW image support in Windows Vista

TECHNICAL TOOLS

Julia, R, Python, Matlab, Mathematica, Git, PHP, Java, C++