

BRADLEY VORACEK

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EDUCATION

BA · University of California at Berkeley · Computer Science, Math · 2013

MS · Levy Institute at Bard College · Economic Theory and Policy · 2016

Master's Thesis Used STATA and ACS data to determine the impact of a bill, Employ Young Americans Now, introduced by Representative's Bernie Sanders and John Conyers. The full analysis can be found on my github.

Technologies Python · Java · Javascript · CSS · Unix · STATA · R · SAS · SQL
Elasticsearch · CAD · LabVIEW · MS Office · LaTeX · github.com/braddv

WORK EXPERIENCE

FIRST AmeriCorps VISTA (Feb 2017-Present)

Public Servant

- Developed relationships with the local FIRST community in Arizona and beyond
- Created computer science lessons using the EV3 programming language to build programming capacity within FIRST Lego League teams
- Targeted specific community centers and low income schools to start FIRST teams in areas with low team density, by using mapping to find areas of need
- Led the UC Berkeley class hacking4impact who developed a prototype platform for making FIRST more inclusive and diverse

Tradeshift (June 2013-August 2015)

Software Engineer

- Developed build scripts to improve infrastructure and app deployments
- Wrote a RESTful API and application for financing invoices on Tradeshift's platform
- Utilized Elasticsearch to improve searching for member companies on the website
- Mentored by experienced Java engineers learning clean coding best practices

Politify - Winners of the Civic Data Challenge (Summer 2012)

Data Scientist

- Researched federal tax policy and federal services expenditures
- Developed model to assess federal tax collection for US households
- Discovered and wrangled datasets from the IRS and Census to use as inputs for model

Cisco Systems (Summer 2011)

PROJECT LEADERSHIP

FIRST Robotics (2005-2009, 2016)

- Mentor students in designing, building, testing, fundraising for, and marketing a competitive team that has an impact on our community
- Networking with community leaders such as mayor, city council, and local businesses for community presence and financial support
- Create competitive strategy to conquer various games through analytic analysis
- Operated the robot at competitions, working under a high stress environment, and leading the team to victories on the global level.