

JESSICA SHU

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->Profile

Freelance consultant/developer interested in all fields and industries. Feel free to reach out for any reason.

->Education & Activities

Cornell University % 2016 Computer Science & Intl Business

- > President @ Cornell Science & Engineering Business Association
- > General Body Chair @ Society of Women Engineers
- > Tech Editor @ Cornell Daily Sun

Lowell High % 2012

- > President @ Mathletes
- > Head of Electronics @ FIRST robotics

UC Davis 2011 • CCSF 2010 • Santa Clara University

-> Attended various college engineering seminars and math camps on full scholarship throughout high school

->Work Experience

Software Engineer Intern @ Google Chrome

[python](#) • [polymer](#) • [confidential systems](#)

San Francisco, CA — May 2015 to August 2015

- Deployed MVP of entire end-to-end data pipeline one month ahead of schedule, an integral part of Chrome Infrastructure still in production
- Contributed bug fixes and documentation to Google Flights

Software Engineer Intern @ Edmodo

[python](#) • [go](#) • [thrift](#) • [node.js](#) • [tableau](#)

San Francisco, CA — June 2014 to August 2014

- Data mining and visualization for recommendations, public relations and sales teams using Hadoop, Hive, Tableau
- Wrote thrift client services for API to power recommendations engine and personalize search results

Founder @ Shrubfund.co

[python](#) • [flask](#) • [postgres](#) • [d3](#) • [jquery](#)

Mountain View, CA — Summer 2014

- Designed and built an investing service to help college students bypass minimum initial investment amounts in mutual funds
- Deposits and withdraws had negligible latency and full liquidity
- Unlicensed and technically illegal, service deactivated by Venmo

Consultant @ Inigral (acq. TargetX)

[ruby on rails](#) • [html](#) • [css](#) • [jquery](#)

San Francisco, CA — May 2013 to August 2013

- Upgraded API and switched app to use client side rendering
- Significantly decreased loading time by implementing Russian Doll Caching on main component of application (the news feed)

Software Engineer @ Yorango

[django](#) • [knockout.js](#) • [objective c](#)

Ithaca, NY — Feb 2013 to January 2015

- Worked on landing page and new property management homepage
- Front end & API design of landlord payments portal
- Build first MVP of mobile app @ mhacks

->Awards

- McMullen Dean Scholar
- **American Regional Math League CA Team Lead**
- Mathcounts 1st place Regional (Bay Area) and 10th Place Statewide (CA)
- First Place @ Cornell Stock Competition 2013
- Ivan Barker Award for Excellence in Mathematics
- **Top 1% at Cornell Java programming competition out of 450+ students**

->Projects

- Texas Hold'em AI
- Web scraper to download textbooks from vitalsource
- Futurama themed breakout arcade game

->Additional Jobs

- Intern at EH Shum Financial Solutions
- Tour Guide at SF Exploratorium
- **CS 3110: Functional Programming TA**

->Misc

- Likes sushi and rap music
- Financially independent by sophomore year
- Travel (30+ countries)



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