Annie Phan

SOFTWARE ENGINEER

CONTACT

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WEBSITE
http://anniephan.github.io

EDUCATION

University of California, San Diego
September 2013 – March 2017
B.S. Computer Science
GPA 3.473 / 4.000

INVOLVEMENT

UCSD Computer Science
Head Tutor & TA
Jan 2014 – Dec 2015
Manage tutor team; hold weekly hours and lead discussion sections

UCSD Tau Beta Pi
CSE Representative
Jan 2014 – Dec 2015
Coordinate tech talks between industry and university; liaison between honor society and department

UCSD Women in Computing
Tech Chair
Jan 2014 – Dec 2015
Organize mock interview events for students, supporting women and minorities in computer science.

SKILLS

- Java
- C/C++
- Python
- MySQL // Cassandra
- Git

EXPERIENCE

Uber // Software Engineer Intern // KPCB Fellow   *June – Sept 2016*
- Active contributor to Driver Incentives platform team to scale new realtime backend infrastructure to handle 20,000 QPS
- Optimized backend performance to quickly deliver information to scale driver-side demand, improving latency times from 800ms to 60ms.
- Engineered backend for new Uber driver support, reducing support time by 40%.

Apple // Software Engineer Intern   *January 2016 – March 2016*
Mac System SQA
- Worked with CoreOS team to integrate new test scheduling tool to automate previously manual Wifi/Bluetooth tests
- Implemented error detection features in existing packet sniffer tool to find problems in WiFi packets sent between Apple Macs and various routers

Cloudflare // Open Source Contributor   *Sept 2015 – Dec 2016*
CFSSL – Facebook Open Academy
- Improved code coverage via an API test suite for all endpoints
- Added updated Ubuntu trust stores to Cloudflare's repository with testing
- Implemented detection of various vulnerabilities while bundling TSL/SSL certificate chains

Datastax // Software Engineer Intern   *June 2015 – Sept 2015*
DevCenter (DEVC)
- Led the automated test plan generation project for Datastax DevCenter to fully automate test plan generation on a weekly basis utilizing the Google Drive and Spreadsheet API
- Utilized DevCenter product feedback metrics to input and visualize data over time on a Google Spreadsheet, which will impact future product management features and testing strategies.

Intel // Software Engineer Intern   *June 2014 – Sept 2014*
Intel Graphics Compiler (IGC)
- Reduced hours of menial work used to update virtual machine drivers by automating the installation process through C#. Project won the Intel Employee Recognition Award
- Implemented a Python parser to convert .td files into readable C++ .h files for Doxygen
- Made improvements to a IGC dashboard Django project via HTML bootstrap, Python, and C#