

EDUCATION

University of California, Berkeley
Bachelor of Arts in *Computer Science*

Years: August 2014 - May 2017

TECHNICAL EXPERIENCE

Pandora Media in Oakland, CA
Software Engineer: Platform Technology/Infrastructure

June 2017 - Present

Church of Merch in Los Angeles, CA
Software Consultant/Contractor

February 2017 - June 2017

- Maintain Goodsie.com e-commerce Django platform
- Independently review code base for areas of concern via SonarQube and manually analyzing and suggest solutions
- Write scripts to abstract and simplify day to day operations
- Manage and maintain the Celery queue

ASUC Office of the Chief Technology Officer in Berkeley, CA
Backend Director/Lead Engineer: BerkeleyTime.com

September 2016 - May 2017

- Scale backend infrastructure to reflect increase in usage and traffic
- Provide technical and codebase (65,000 lines of code and growing) knowledge for other engineers
- Lead backend team (8 engineers) to build new features and refactor old unscalable code
- Roadmap projects that improve the scale and performance of the web servers (redo caching system, etc)
- Review code other engineers push before merging with master and pushing to Heroku

ASUC Office of the Chief Technology Officer in Berkeley, CA
Backend Software Engineer: BerkeleyTime.com

October 2015 - May 2017

- Work with a team of other engineers to add, update, and test new features for the Django app that assists thousands of Berkeley students in querying over 14000 classes along with their corresponding grade and enrollment data
- Implement new API for class information developed by school by refactoring and deprecating old code
- Integrate Sentry for real time crash and exception notification

Pandora Media in Oakland, CA
Software Engineer Intern: Platform Technology

June 2016 - August 2016

- Improve second level cache performance during rolling updates of application servers by developing and integrating a centralized system that utilizes Redis, Memcached, and Hibernate to coordinate important information between new and old application servers
- Install MemSQL on server cluster, load 20 billion rows of data from the Hadoop Distributed File System, and evaluate MemSQL's capabilities
- Investigate, debug, and repair remediation server implementation

University of California, Berkeley in Berkeley, CA
Undergraduate Researcher: BioSense Lab

November 2015 - August 2016

- Develop real time web-based API using WebRTC, OpenCV, and Node.js (backend) for the emotion analytics SDK, Affectiva for research and experimental purposes

PERSONAL PROJECTS

MyGeneralManager

- Java command line program that web scrapes basketball statistics, stores them in various data structures, and serializes them

EricHuynhing.com

- Personal website, inspired by Sublime Text, made from ground up with HTML, CSS, and jQuery

TECHNICAL SKILLS

Java, Python, C, C++, SQL, Git, HTML, JavaScript, jQuery, CSS, Django, Heroku, Bootstrap, Scheme