

ERIC HUYNH

REDACTED
REDACTED
erichuynhing.com
ericehuynh@berkeley.edu
(714) 310-8273

EDUCATION

University of California, Berkeley
Bachelor of Arts in *Computer Science*
GPA: 3.58

Years: August 2014 - May 2017 (expected)

TECHNICAL EXPERIENCE

Pandora Media in Oakland, CA

Software Engineer Intern: Platform Technology

June 2016 - Present

- Improve second level cache performance during rolling updates of application servers by utilizing Redis, Memcached, and Hibernate.

ASUC Office of the Chief Technology Officer in Berkeley, CA

Senior Backend Engineer: BerkeleyTime.com

June 2016 - Present

Backend Engineer: BerkeleyTime.com

October 2016 - May 2016

- 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.
- Integrate Course model and database indexing using Apache Solr/Websolr.
- Implement new API for class information developed by school by refactoring and deprecating old code.
- Provide technical and codebase (65,000 lines of code and growing) knowledge for other Backend Engineers.

University of California, Berkeley in Berkeley, CA

Undergraduate Researcher: BioSense Lab

November 2015 - Present

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

University of California, Berkeley in Berkeley, CA

Lab Assistant: Structure and Interpretation of Computer Programs

June 2015 - January 2016

- Helped and assisted students with course work (homework, labs, and projects) in order to further their understanding of the main concepts and ideas of computer programming.

PERSONAL PROJECTS

MyGeneralManager

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

SoundFyre.net (group project)

- Developed and maintained a social media website for local musical artists to share their music.
- Implemented using Google Maps API, Parse (backend), JavaScript, jQuery, CSS, and HTML.

EricHuynhing.com

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

COURSEWORK

Completed

- Structure and Interpretation of Computer Programs, Data Structures, Machine Structures (Computer Architecture), Artificial Intelligence, Database Systems, Efficient Algorithms and Intractable Problems
- Multivariable Calculus, Linear Algebra and Differential Equations, Discrete Math and Probability

In Progress

- Operating Systems, Computer Security, Internet Architecture and Protocols, Machine Learning

TECHNICAL SKILLS

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