

ERIC HUYNH

ADDRESS
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EDUCATION

University of California, Berkeley
Bachelor of Arts in *Computer Science*
GPA: 3.70

Graduation: May 2017

Relevant Coursework

Structure & Interpretation of Computer Programs
Data Structures
Machine Structures (Computer Architecture)
Linear Algebra & Differential Equations
Discrete Math & Probability

Spring 2016 Coursework

Artificial Intelligence
Efficient Algorithms and Intractable Problems
Database Systems

PERSONAL PROJECTS

MyGeneralManager

- Java command line program that web scrapes basketball statistics (using jsoup), stores them in various data structures, and serializes them.
- Custom team building feature that extrapolates potential statistical performance.
- Optimization algorithms for quick retrieval of specific statistical queries.

SoundFyre (soundfyre.net)

- Social media website for local musical artists to share their tracks and albums.
- Implemented using Google Maps API, Parse (backend), JavaScript, jQuery, CSS, and HTML.
- Group project with 3 other people.

EricHuynhing.com

- Personal website made from scratch with HTML, CSS, and jQuery.

TECHNICAL EXPERIENCE

University of California, Berkeley in Berkeley, CA
Undergraduate Researcher

11/15 - Present

- Work with Ph.D. student to develop web-based API using WebRTC, OpenCV, and Node.js (backend) for the emotion analytics SDK, Affectiva.
- Developed command-line interface and executable to run emotion analysis on various media inputs and output a JSON file for future data analysis.
- Assist in writing end-to-end tests (from recording and uploading of media to a server to JSON output).

ASUC Office of the Chief Technology Officer in Berkeley, CA
Backend Engineer for Project Campanile (BerkeleyTime.com)

10/15 - Present

- Work with a team of other engineers to update and improve backend parsing to compensate for changes made to the database of academic classes.
- Design and develop tests to diagnose and resolve backend bugs.
- Develop, organize, and write internal and external search API using Django REST framework.

Structure and Interpretation of Computer Programs in Berkeley, CA
Lab Assistant

06/15 - Present

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

TECHNICAL SKILLS

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