ERIC HUYNH

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EDUCATION

University of California, Berkeley **Graduation:** May 2017
Bachelor of Arts in *Computer Science*
GPA: 3.88

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, 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.

SmartFridge
- iOS and Android application that will allow users to store the contents of their kitchen in the application.
- Database of quantity of food and ingredients with associated expiration dates.
- Provides online recipe suggestions based on refrigerator content.

TECHNICAL EXPERIENCE

ASUC Office of the Chief Technology Officer in Berkeley, CA **10/15 – Present**
Backend Engineer for Project Campanile (BerkeleyTime.com)
- 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 documentation.

Structure and Interpretation of Computer Programs in Berkeley, CA **06/15 - Present**
Lab Assistant
- 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, HTML, JavaScript, jQuery, CSS, Scheme, SQL, Bootstrap, Git