Cameron Kurotori

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Education:

University of California, Berkeley / Berkeley, CA — August 2017 - December 2019

B.S. Electrical Engineering & Computer Science

Relevant Coursework:

CS61A - Structure and Interpretation of Computer Programs

EE16A - Designing Information Devices and Systems I

Ohlone College / Fremont, CA / 3.94 GPA — August 2015 - May 2017

Columbia College / Sonora, CA / 4.00 GPA — January 2015 - April 2015

Programming Languages:

Python, JavaScript, C++, IA-32

Skills/Tools:

Git, Flask (Python), HTML/CSS, SQL, MongoDB, Linux/UNIX, Google Calendar API

Field Interests:

Computational Neuroscience

Related Experience:

theCoderSchool / Code Coach — June 2017 - August 2017

- Created lesson plans that would teach students programming while actively engaging them
- Brainstormed different approaches of teaching the same concept
- Developed a program that would allow students to visually design a LED Light Matrix before programming a Raspberry Pi 3 (see Matrix Designer)

Dot-Slash Computer Science / Co-Founder & Officer — February 2016 - August 2017

- From scratch, developed administrative and productive processes and procedures
- Organized, mentored, and managed club projects and events (see Hidden Figures Movie Screening)

Notable Accomplishments:

Hidden Figures / Fremont, CA — May 2017

Organized a free community screening of Hidden Figures, to encourage young women and minorities to pursue an education in STEM. 170-180 people in attendance, including the mayor of Fremont

Personal Projects:

Timecard / https://github.com/cpkurotori/timecard

A clock-in/clock-out application, using Python and Flask that utilizes MongoDB to track employee's time entries. This application was developed with small businesses and nonprofits in mind (i.e. community pool)

Matrix Designer / https://github.com/cpkurotori/matrix-designer

HTML/CSS and JavaScript web application where the user can design a colorful matrix. This application was developed specifically for programming a Raspberry Pi Sense Hat.

Check-In Web App / https://github.com/cpkurotori/CheckInWebApp

A check-in web application that uses Python, Flask, and a MySQL database to keep a log of users that check in to a meeting. This application was developed specifically for club meetings and maintaining a club roster.