Cameron Kurotori

cpkurotori@berkeley.edu | https://cpkurotori.github.io | (209) 206-1529

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* — *August 2015 - May 2017*
3.94 GPA

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

Programming Languages:

Python, JavaScript, C++, IA-32

Skills/Tools:

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

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.*