

# Cameron Kurotori

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<https://cpkurotori.github.io>

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## Education:

University of California, Berkeley / Berkeley, CA

August 2017 - December 2019

B.S. Electrical Engineering & Computer Science

Relevant Coursework:

Fall 2017

CS61A - Structure and Interpretation of Computer Programs

EE16A - Designing Information Devices and Systems I

Spring 2018

CS61B - Data Structures

EE16B - Designing Information Devices and Systems II

Ohlone College / Fremont, CA / 3.94 GPA

August 2015 - May 2017

Columbia College / Sonoma, CA / 4.00 GPA

January 2015 - April 2015

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## Programming Languages:

Python, JavaScript, C++, IA-32

## Skills/Tools:

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

## Field Interests:

Computational Neuroscience

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## Related Experience:

theCoderSchool / Code Coach / Pleasanton, CA

June 2017 - August 2017

- Created lesson plans that would teach students programming while actively engaging them
- Brainstormed different approaches of teaching the same concept to accommodate different learning methods and styles
- 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 / Fremont, CA

February 2016 - August 2017

- From scratch, implemented and administered club processes and procedures
- Organized, mentored, and managed club projects and events (see *Hidden Figures Movie Screening*)

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## 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.

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## Notable Accomplishments:

Hidden Figures Movie Screening/ 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