

Cameron Kurotori

cpkurotori@berkeley.edu

<https://cpkurotori.github.io>

(209) 206-1529

Pleasanton, CA 94566

Education:

University of California, Berkeley / Berkeley, CA

August 2017 - December 2019

B.S. Electrical Engineering & Computer Science

Relevant Coursework:

Fall 2017 (*currently enrolled in*)

CS61A - Structure and Interpretation of Computer Programs
EE16A - Designing Information Devices and Systems I

Spring 2018 (*enrolled in for upcoming semester*)

CS61B - Data Structures
EE16B - Designing Information Devices and Systems II
CS70 - Discrete Mathematics and Probability Theory

Ohlone College / Fremont, CA / 3.94 GPA

August 2015 - May 2017

Programming Languages

C++	2.5 Years
Python	2 Years
JavaScript	1 Year

Skills/Tools:

Git, Flask (Python), HTML/CSS, SQL, MongoDB, Linux/UNIX, Microsoft Cognitive Services (Face API), Google Cloud Services (App Engine, Storage), AWS (Elasticbean)

Related Experience:

theCoderSchool / Code Coach / Pleasanton, CA

June 2017 - August 2017

- Created lesson plans that would teach students programming while actively engaging them and 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 <https://github.com/cpkurotori/matrix-designer>)

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)

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.

As a note, this project was a redesign of a Check-In Program designed in C++ that would store member and club data in a CSV file (see <https://github.com/cpkurotori/checkIn>)

Doppel-ART-Ganger / <https://github.com/cpkurotori/Doppel-Art-Ganger>

A web app developed at Cal Hacks 4.0, a hackathon hosted at UC Berkeley (October 2017). Utilizes Microsoft's Cognitive Face API, MongoDB, Google Cloud Services, Python, and Flask to match user uploaded photos with artwork in our database. Front end uses HTML, CSS, and JavaScript as well as the Bootstrap framework and jQuery.

Notable Accomplishments:

Dot-Slash Computer Science/ Fremont, CA

Feb 2016 - Present

Co-founded and served as an officer for the official Computer Science Club at Ohlone College. The goal of the club was to promote peer collaboration and learning as well as host community events (see *Hidden Figures Movie Screening*)

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, Lily Mei.