Cameron Kurotori

cpkurotori@berkeley.edu | https://cpkurotori.github.io | (209) 206-1529 | Pleasanton, CA 94566

Education:

University of California, Berkeley / Berkeley, CA / 4.00 GPA — December 2019

B.S. Electrical Engineering & Computer Science

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

Programming Languages

Language	*Proficiency*
Python	●●●●●●●●●●
Java	●●●●●●●●●
C++	●●●●●●
JavaScript	●●●●●●

Relevant Coursework (*Completed by Summer 2018*)

CS61A - *Structure and Interpretation of Computer Programs*
CS61B - *Data Structures*
CS70 - *Discrete Mathematics and Probability Theory*
EE16A/B - *Designing Information Devices and Systems I/II*

Skills/Tools:

Git, Flask (Python), HTML/CSS, JSON, SQL (MySQL, SQLite3), 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.