

Cameron Malloy

cmalloy@berkeley.edu

www.linkedin.com/in/cameron-malloy

650.208.5612

Experience

San Francisco State University – Research Intern

May – August 2017

- Worked in a group of five in the university's Intelligent Computing and Embedded Systems Laboratory
- Led the process and development of machine learning algorithms and data analysis
 - Created an android application that took data streamed from an armband on a user's forearm that predicted the user's intent of motion in the hand and forearm in real time
- *Java, Linear Regression, K-Nearest-Neighbor*

ASPIRES Winter Internship – Research Intern

December 2016 – January 2017

- Built a proximity detector and motorized pendulum through Arduino
- Tested accuracy of sensors and hardware through excel and oscilloscopes
- Worked with a team of four to determine malfunctioning Arduino boards
- *Arduino, C++*

Starbucks – Barista

July 2015 – December 2016

- Responsible for preparing quality drinks, providing excellent customer service, maintaining order in the store, supervised stocking merchandise, and opened/closed store

Projects

Where Should I Eat? Comparing Restaurants in Berkeley

March – April 2017

- Analyzed the differences in price and percentage of cheap restaurants between restaurants close to where UC Berkeley students live compared to the rest of Berkeley
- *Numpy, Pandas, Matplotlib, iPython Notebook, API's*

Teaching

CS 61A (Composing Programs) – Teaching Assistant

Summer 2018

CS 61A (Composing Programs) – Academic Intern

Spring 2018

- Outstanding Academic Intern Award

Cañada Community College – STEM Tutor

Spring 2017

Education

University of California, Berkeley

May 2017 – August 2017

B.A – Applied Mathematics with a Concentration in Computer Science

Expected May 2020

B.A – Data Science with an Emphasis in Mathematics

Relevant Coursework: Composing Programs (CS 61A), Data Structures (CS 61B), Discrete Mathematics (Math 55), Multivariable Calculus (Math 53), Linear Algebra (Math 54 and Math 110)

Skills

- Python, Java, SQL
- Numpy, Pandas, iPython Notebook