

# MANGESH DARKE

(510) 598-5607 | mdarke@berkeley.edu | mangeshdarke.dev

## EDUCATION

### University of California, Berkeley

Bachelor's of Arts in Computer Science

August 2018 - December 2020 (expected)

GPA: 3.50 / 4.00

**Relevant Coursework:** Structure and Interpretation of Computer Programs, Data Structures, Foundations of Data Science, Designing Information Devices and Systems I, Discrete Mathematics & Probability Theory (currently)

### Chabot College

Courses taken in Computer Science

August 2016 - May 2018

GPA: 4.00 / 4.00

## PROJECTS

#### Ants (Python)

- Implemented the object-oriented logic for a web-based game modeled after Plants VS Zombies

#### Dictionary (C++)

- Developed a dictionary for a predetermined set of words by storing their anagrams in a hash table

#### Bear Maps (Java)

- Built the web server of a map routing application centered around Berkeley, CA using an APIRouteHandler for mastering map images
- Implemented the A\* search algorithm to find directions between two locations on the application

#### CalNow (Swift)

- Built a multi-screen calendar application in Swift for UC Berkeley students to manage academic, entertainment, and sports events on campus

#### Hangman (Swift)

- Developed a single screen application using Swift to play the game Hangman

#### Personal Website (HTML, CSS, Javascript)

- Built a single page website using HTML and CSS to have a more intuitive way to demonstrate my projects and experience
- Developed scripts in Javascript to automate smooth scrolling

## EXPERIENCE

#### Chabot College Office of Institutional Research

Student Research Assistant

Hayward, CA

March 2017 - June 2018

- Created campus-wide surveys for data collection using Teleform Designer
- Compiled and analyzed the data in IBM SPSS Statistics
- Provided succinct and detailed analyses to assist programs in their research projects

#### GiveTeens20

Web Development Intern

Fremont, CA

August 2015 - August 2016

- Created wireframes to determine the most attractive designs to our target demographics
- Built a few different webpages using HTML and CSS to gauge interest from the organization
- Adjusted our design as we received feedback and continued to build additional webpages

## SKILLS AND INTERESTS

**Skills:** Git, C++, Python, Java, Swift, HTML, CSS, Javascript, SQL, MIPS

**Interests:** Traveling, Sports, Philosophical Conversations, Books by Malcolm Gladwell