

# Jeremy Euchi

Work: (650) 308-8559

Github:// [jeuchi](#)

Website:// <https://jeuchi.github.io/personal-website/>

LinkedIn:// [jeuchi](#)

## EDUCATION

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- **University of California, Santa Cruz** Santa Cruz, CA  
*Bachelor of Science, Computer Science* June 2021
- **Skyline College** San Bruno, CA  
*Computer Science Prospect; GPA: 3.68 / 4.0* May 2019

## PROGRAMMING SKILLS

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- C / C++ / C#
- ReactJS
- LaTeX
- Java
- HTML5 / CSS3
- Unix
- JavaScript
- Unity 2D Engine
- Git

## PROJECTS

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- **Simulation using ADT's** Computer Science and Engineering 15 / 15L  
*C Language* Fall 2019
  - **IntegerQueue and Job ADT:** Simulate set of jobs performed by a set of processors. Think of shoppers at a grocery store waiting in line at check-out stands. A job is a basket of goods to be purchased and a processor is a clerk at a check-out stand ringing up the purchase. Use the data to find the number of processors that is the most efficient for time and processing. Increased understanding of manipulating data and using multiple data structures
- **Shakespeare** Computer Science and Engineering 101  
*C++ Language* Winter 2020
  - **Linked List ADT:** Parsed all of Shakespeare's words, used in his works, into an array of Linked Lists. Read an input file to find the 'x' length word that is the 'y' most frequent. For example, [10 0] would mean the most frequent 10 letter word. Output results to a file. Increased proficiency in linked lists, and sorting data inside those lists.
- **Six Degrees of Kevin Bacon** Computer Science and Engineering 101  
*C++ Language* Winter 2020
  - **Graphs:** Take an input of movies with actors who starred in that movie, line by line. Create adjacency lists of actors who shared the same movie with that actor, with the weight as the movie. Find the shortest path using BFS between two actors and print with the movie those actors shared together.
- **Battleship game** Computer and Information Science 255  
*Java Language* Spring 2019
  - **2D Arrays:** Write an interactive, text-based program that allows the user to play a one-player simplified Battleship game. The user can type a location on a 2D array and the game checks if a ship that has been randomly assigned was hit.

## EXPERIENCE

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- **Walgreens** Burlingame, CA  
*Sales Associate* Sep 2017 - Dec 2017
  - Mentored new sales associates to contribute to the store's positive culture.
  - Provide customers with exceptional care.
- **County of San Mateo** Burlingame, CA  
*Election Officer* 1 Day Contract; Nov 2016
  - Located voters address and process them through the list.
  - Worked on the voting machines and filing forms. For the day, about 500 voters helped.