# Jeremy Euchi

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## EDUCATION

**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

- **Languages**: C, C#, Java, HTML, CSS, Assembly     **Technologies**: Unity 2D Engine, libGDX, Bootstrap 4

- **In progress**: Unity 2D games, Javascript, React, Node.js, SQL

## PROJECTS

**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, where there are more jobs than processors, and therefore some jobs may have to wait in a queue. 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. Abstractly, a job is an encapsulation of three quantities: arrival time, duration, and finish time. Use the data to find the number of processors that is the most efficient for time and processing.

**Dictionary ADT**                                       Computer Science and Engineering 15 / 15L
*C Language*                                       *Fall 2019*

- **Hash Table ADT**: Create a Dictionary in the form of a hash table that has a unique key and a value assigned to that key. If hash table is full, create a linked list of that hash value. Utilizes header file's methods and node pointers to insert, delete, and print a certain dictionary object.

**IntegerStack ADT**                                       Computer Science and Engineering 15 / 15L
*C Language*                                       *Fall 2019*

- **Create ADT**: Utilizing a header file, create the methods that push, pop, and print an array formatted as a stack. The client can also use methods to check if the stack is empty or if any two different stacks are equal.

**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

**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.

- Answered an average of 10 customer telephone calls a day promptly and in an appropriate manner.

**County of San Mateo**                                       Burlingame, GA
*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.