

# JAY LIN

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## EDUCATION

B.S. in Computer Science | GPA 4.0



**January 2019 – Spring 2020 (Expected)**

**Oregon State University**

Introduction to Computer Science I, II

Computer Architecture & Assembly Language

Discrete Structures in Computer Science

Web Development

Data Structures

B.S. in Human Development | GPA 3.5



**Graduated June 2016**

**University of California, Davis**

## SELECTED WORK EXPERIENCE

Senior Operations Specialist



**November 2016 – April 2019**

**Uber Technologies Inc.**

- Participated in Agile Scrum sprints, retrospectives, and standups to assist with investigative coding tasks, increasing the ticket completion rate by 10%
- Investigated a diverging branch for the Vehicle Reliability Engineering Team by utilizing Git to merge relevant commits, deprecate irrelevant commits, resulting in a condensed code base
- Implemented a BASH script for daily developer laptop updates, streamlining the start-up process for operations by improving efficiency and decreasing redundancy of workflow
- Developed a list of refactoring opportunities including repositories written in Python and PHP for Test Engineers, increasing team knowledge of code bases

## PROJECTS

**Out of Thyme! (2<sup>nd</sup> Place Hackathon Winner)**

- A web application that displays cooking recipes, uses Google's Web-Speech API, and automatically sets cooking timers
- Developed with HTML, CSS, Bootstrap, JavaScript, and jQuery
- 2<sup>nd</sup> Place Winner of the OSU Summer 2019 Hackathon (<https://github.com/jaylin94/osu-2019-hackathon-et-ml-kb-ji>)

**The RGB Color Game (Web Application)**

- A game that randomly generates color blocks from an RGB value that the user must guess
- Features 3 difficulty options and an option to cheat
- Developed with HTML, CSS, Bootstrap, JavaScript, jQuery, Express, and Node.js. (<https://github.com/jaylin94/rgb-color-game>)

**Air (Console Application)**

- A text-based adventure game that features a game board with interactive rooms, items, and special events.
- Features 3 unique events, 3 items with different functions, and room-item interactions
- Implemented with C++11 ([www.github.com/jaylin94/Air](http://www.github.com/jaylin94/Air))

**Fantasy Tournament (Console Application)**

- A text-based fighting simulation that features multiple characters with special abilities and different attributes
- Five character options: Barbarian, Blue Men, Vampire, Medusa, and Harry Potter
- A fighting tournament between two teams is simulated
- Implemented with C++11
- (<https://github.com/jaylin94/fantasy-tournament>)