HARRISON LEE

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[Website](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

University of Washington *Aug. 2019 – Tacoma, WA*
Bachelor of Science in Computer Science GPA: 3.59 / 4.00
Upsilon Pi Epsilon (UPE) Engineering Honor Society Dean's List

EXPERIENCE

Software Developer Intern *June 2019 – Sept. 2019*
Infoblox Tacoma, WA
- Utilized **Python** to develop tests for an **AWS S3** data monitoring application.
- Wrote functional tests in **JavaScript** for **REST API's**, with **Postman** and **Docker**.
- Researched and integrated **Cucumber.js** framework for testing **REST API's**.
- Modified **Dockerfiles** to enable headless chromedriver in **Docker** containers for end-to-end UI testing.
- Created technical documentation on **Behavior Driven Development** and **Postman** tests.

Undergraduate Researcher: Physarum Simulation *March 2019 – Sept. 2019*
University of Washington Tacoma, WA
- Implemented mathematical models derived from research papers to simulate Physarum, a biological slime mold, directed by university faculty.
- Simulation developed in **JavaScript**, **HTML**, and **CSS**.
- Strengthened applied algorithmic skills by utilizing Gaussian elimination to solve for unknown variables and depth first search.

PROJECTS

Rodeo Cinema *Nov. 2020 – Present*
- Developing a **React** web app to function as a virtual cinema allowing users to play synchronized YouTube videos.
- Back end using **Express.js** and **Socket.io** to create custom theaters using user provided names for people to join and real-time chat.
- Utilizing **Tailwind CSS** framework to style components.

OurHouse *Nov. 2020 – Present*
- Creating a **React** web app with the purpose of drafting teams for in-house pick up games.
- Utilizing **Express.js** and **Socket.io** to create real-time lobbies for users to connect and chat.
- Styling components using **Tailwind CSS** framework.

Lumpia World Website *October 2020*
- Built a website using **JavaScript**, **HTML** and **CSS** for a Washington based food truck business.
- Website was created with a focus for mobile users, with features such as a dynamic navigation bar for user accessibility.
- Site to be hosted on **AWS S3** with **Google Domains** and **AWS Route 53** for a custom domain.

MapleStory Private Server *March 2020 – July 2020*
- Developed a MapleStory private server in **JavaScript** and **Java** using source code online.
- Utilized **AWS Lightsail** as a virtual private server for hosting the game.
- Practiced networking skills by configuring firewall rules and installing FTP Services.
- Modified **MySQL** database containing game data using **WampServer**.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, HTML/CSS, MySQL, R, Lua
Frameworks/**Libraries**: React, React-Spring, Node.js, Express.js, Socket.io, Tailwind CSS JUnit, Cucumber.js
Developer Tools: Git, AWS, Visual Studio Code, Eclipse, Postman