

# CHARLIE COMPTON

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## Education

### Lewis and Clark College - Bachelor of Computer Science

September 2019 - May 2023

- **Courses:** Network Security, Website Development, Operating Systems, Algorithms, Software Development, Databases
- **Independent Studies:** Mobile App Development I & II

**GPA:** 3.194

**Relative GPA:** 3.540

## Experience

Networks and Web Development - Lewis and Clark College

### Teaching Assistant

January 2022 - May 2022

- Worked with the Professor to help create a curriculum
- Assisted a class of 30 students with their HTML and CSS code during office hours
- Graded students websites and assignments

ACM Chapter Board Member - Lewis and Clark College

### Lewis and Clark Association for Computing Machinery: Treasurer

August 2022 - May 2023

- Managed the finances of the ACM club
- Hosted office hours twice a week to assist students with their coding assignments
- Planned hackathons, guest speakers, and other coding related events for 120+ active members

## Projects / Work

Research Assistant - Lewis and Clark College

### Rogers Program: Microkernel Security

May 2021 - September 2021

Worked with a team of students to assist the Professor to research security of microkernels for the internet of things (IOT). Our code was focused on creating a secure temperature sensor using the coding language Haskell, RiscV architecture, on a VM running a SEL4 operating system.

Software Development - Lewis and Clark College

### Noodle

January 2022 - May 2022

Worked with a team of students to create a Java Swing program that was designed for a Lewis and Clark biology teacher to help organize course material. Noodle also greatly improved the ability to create and store current and past homework and exam materials.

Mobile App Development - Independent Study

### Portland Yard

September 2022 - May 2023

Working with another student to create a cross platform application using Dart with the Flutter framework. Portland Yard is a hide and seek esque game where players go to notable locations in downtown Portland OR trying to find the "criminal" player.

## Skills / interests

**Languages:** C, Java, Swift, Html, Css, JavaScript, Python, Dart

**Technologies:** ReactJS, Bootstrap, MySQL, AWS, Git, Flutter

**Cyber Security:** PRCCDC 2021: 9th place, PRCCDC 2021: 11th place, NCL 2020: 577th place out of 6017

**Interests:** Basketball • Formula One • Cooking • Reading • Shoes • User Interface • Learning Languages