

# Christine Lin

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## EDUCATION

**University of Florida, Gainesville, FL**

Bachelor of Science, Computer Science, GPA: 3.85/4.0

**Expected Graduation May 2024**

## RELEVANT COURSEWORK AND SKILLS

**Programming Languages:** Java, C++, Python, JavaScript, Typescript, HTML, GoLang, SQL

**Skills:** Ruby on Rails, Node.js, PostgreSQL, MySQL, React, Spring, React Native, Chinese (Fluent)

**Coursework:** Data Structures and Algorithms, Introduction to Computer Organization, Introduction to Software Engineering, Operating Systems, Information and Database Systems

## WORK EXPERIENCE

**Amazon** Seattle, WA

*May 2023 - August 2023*

*Software Development Engineer Intern*

- Developed and designed a recommender that auto-populates API contracts (one source of truth for routing rules) with Client Configuration files to help service owners facilitate routing changes with clients.
- Created a full stack service using **Typescript** and **Java/Lambda** backend that would ingest repositories and extract their contents to generate these API Contracts.

**Capital One** McLean, VA

*June 2022 - August 2022*

*Software Engineer Intern*

- Created a new SSO gateway using **Spring Security 5** to replace the deprecated OAuth2.
- Utilized the Spring Security 5 framework, **Java**, and **Spring Boot** to authenticate and authorize Java applications.
- Participated in multiple workshops learning about Machine Learning, AWS, Agile, DevOps, Golang, APIs, SQL, and React.

**Traject** Bellevue, WA

*January 2021 – April 2021*

*Web Development Intern*

- Created a study management web application to help students who have a hard time with time management and to help them create a clear studying schedule.
- Utilized the **Ruby on Rails** Framework with **JavaScript**, **HTML**, and Ruby with **PostgreSQL** as the database.
- Used and gained experience with CSS frameworks: Bootstrap and Tailwind.

## CAMPUS INVOLVEMENT

**Tech Lead (Women in Computer Science and Engineering)**

*May 2022 – Present*

- Organize and lead weekly technical interview prep sessions to help students prepare for technical portions of the tech-related interviews.
- Organize and host resume and behavioral interview workshops to prepare students for the interview process.
- Teach and organize weekly React workshops to teach students how to create front-end applications.

**Team Tech Design Team Software Captain (Society of Women Engineer)**

*November 2021 – May 2022*

- Built Mission Control Software for a UAV (Unmanned Aerial Vehicle) used for Search and Rescue for collapsed building sites.
- Led a team to create software that would give missions to the drone with the dimension of the scans and get back data to build visual heat graphs.

## PROJECTS

**Mission Control Software for UAV**

*January 2022 – May 2022*

- Designed a Mission Control Software to send directions, dimensions, and coordinates for a UAV for Search and Rescue in the event of collapsed buildings.
- Used React, Node.js, and JavaScript Library-Leaflet to create an interactive Map for users to edit and update the areas they want the UAV to scan and then create thermal maps to display detections of human life under collapsed buildings

**Classmate Finder**

*February 2022 – April 2022*

- Built a Full Stack Web Application to allow students to find and pair with other students with the same skills, majors, and hobbies
- Used React for the Front-End, MySQL for the database, and Express and Sequelize ORM to create the API