

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, HTML, Go, SQL

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

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

WORK EXPERIENCE

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.
- Used 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.

Juni Learning San Francisco, CA

May 2021 - March 2022

Computer Science Instructor

- Instruct middle and high school students to learn fundamental introductory Python and Java concepts.
- Worked with students on one-on-one projects and assignments that helped them understand computer science concepts.

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.
- Used 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 frontend 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 building collapse.
- 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