

Michael Carroll

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EDUCATION

Florida State University, Tallahassee, FL

May 2026

Bachelor of Science in Computer Science – (Honors Student)

- **GPA:** 3.82, Dean's List Fall 2022 – Spring 2024
- **Relevant Coursework:** Data Structures and Algorithms I & II, Computer Organization, Ethics in Computer Science, Discrete Math I & II, Computer Network Systems and Administration, Advanced Programming in Java
- **Extracurricular:** ACM Programming Club, Google Developer Student Club, FSU Pickleball
- **Awards and Scholarships:** Florida Academic Scholar 100% Tuition, L3Harris Undergrad Scholarship, NSF S-STEM Scholarship Organization, Dean's List

EXPERIENCE

Diverse Computing Inc. – Software Engineer Intern

January 2024 – Present

Skills: HTML, CSS, GitHub, Thymeleaf, Spring Boot, React, Microsoft SQL Server, Postgres, JavaScript, Java, TypeScript

Tallahassee, FL

- Maintained different applications and improved certain aspects based on client needs.
- Contributed with bug fixes on highly sensitive data and applications.
- Worked with clients like Oregon State Police to fulfill feature requests for applications.

Florida State University – IT Support Specialist

August 2023 – January 2024

Skills: Freshdesk, Sharepoint, ScreenConnect, LanSweeper, Piston

Tallahassee, FL

- Supported Florida State athletic staff with software and operating system issues using ScreenConnect or on-site support.
- Utilized multiple camera angles to provide sport officials with an instant replay system using Piston for various athletic events such as NCAA Football, Volleyball, Soccer, and Baseball.

PROJECTS

- **PickleBOT** – <https://thepicklebot.vercel.app/>
 - Used MongoDB, ExpressJS, React + Vite, and NodeJS to create an appealing full stack application with user authentication and security to protect documentation about pickleBOT on the web app.
 - My goal was to automate the reservation of courts by running a script. Outperforms the average user so that a court will be reserved before it sells out.
 - Used Puppeteer to create an automation bot that reserves Pickleball courts in Tallahassee for the FSU Pickleball club at a specific time on specific days.
- **Hashtable User/Pass (Data Structures Project)** - <https://github.com/Michaelc322/Hashtable-Implementation>
 - Implemented a hashtable given the header file in my Data Structures class using a vector of lists with a pair that represented a username as the key and the password as the value.
 - Implemented functions that create users, read users, update users, and delete users.
 - Constructed with C++
- **FSU Pickleball Sport Website** – <https://fsupickleball.vercel.app/>
 - Used React + Vite, HTML, and CSS to design a front-end application for the FSU Pickleball team. Worked with client to fulfill design requirements.
 - Utilized Google Calendar API to retrieve upcoming events and display them on the website.

CERTIFICATIONS

- **Amazon Web Services (AWS) Certified Cloud Practitioner**

June 2024

RELEVANT SKILLS

Languages: C++, JavaScript, Java, C#, HTML, CSS, SQL (Postgres, Microsoft SQL Server)

Frameworks: React, Spring, Spring Boot, ExpressJS, jQuery, Thymeleaf, AngularJS, Material-UI, Node.js

Developer Tools: Git, GitHub, AWS, VSCode, VisualStudio, IntelliJ, Trello