

Lucas Stone

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EDUCATION

Florida State University

B.S. in Computer Science

May 2026

Tallahassee, FL

Relevant Courses: C++ Data Structures & Algorithms, Databases, Java, Python, Software Engineering, Linear Algebra, Operating Systems, Programming Languages, Software Reverse Engineering, Advanced Artificial Intelligence

Clubs/Activities: ACM Club (Member) and AWS Cloud Club (Member) @ FSU

TECHNICAL SKILLS

Languages: C++, Java, Python, HTML/CSS, JavaScript, SQL, C#

Technologies: Node.js, Express, PostgreSQL, High-Performance Computing (HPC), Linux

Tools: Git, GitHub, VSCode, Unix, Jupyter Notebook, HPC Systems (Slurm), Postman, AWS (EC2, EB, S3, RDS)

EXPERIENCE

Undergraduate Research Assistant (Python, HPC, Scientific Computing)

Sep. 2024 - Apr. 2025

Florida State University - Department of Scientific Computing

Tallahassee, FL

- Conducted computational research on boron nitride (BN) to identify its lowest-energy atomic structures.
- Utilized CALYPSO (PSO-based structure prediction) to computationally generate over 900 candidate configurations.
- Presented research findings in a poster at FSU's Undergraduate Research Symposium.

Retail Salesworker (Parts Expert) (5+ Years Customer Service Experience From Jobs Before!)

Oct 2024 - Present

AutoZone, Inc.

Tallahassee, FL

- I work vigilantly in a high stress customer service environment while pursuing my CS degree
- Assist with technical things like changing batteries, wiper blades, and offer general car advice and help

PROJECTS

Stock Portfolio Tracker

Node.js, Express, PostgreSQL, HTML/CSS/JavaScript, GoogleSMTP, FinnHub API, GoogleOAuth, bcrypt, Render Apr. 2025

- Engineered a full-stack stock portfolio tracking application, enabling users to monitor investments and make informed decisions through real-time data and automated price alerts. The app features a responsive and intuitive UI.
- Built a RESTful backend using Node.js and Express, with secure user authentication and integration of a PSQL DB.
- Connected to the FinnHub API to fetch real-time stock data, with a manual refresh feature to optimize API usage.
- Implemented an email alert system using Gmail SMTP to notify users when stocks cross predefined thresholds.
- Implemented dual authentication using Google OAuth and local login with bcrypt, securely storing user data and hashed passwords in a PostgreSQL database.

**** filler for now (will add portfolio project?) not sure ****

CERTIFICATIONS

- AWS Certified Cloud Practitioner (CCP), Amazon Web Services, Issued October 2025