

# First

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## EDUCATION

### University of South Carolina

Bachelor's of Science in Computer Science

Achievements: Dean's List (Fall 2021, Fall 2024)

Columbia, SC

Graduation Date: May 2025

GPA: 3.43

## TECHNICAL SKILLS

**Languages & Technologies:** Python, Java, C++, Kotlin, SQL (PostgreSQL, MySQL), JavaScript, React, HTML, CSS, Django, R, Linux/UNIX, Git/GitHub, Large Language Models, Microsoft Suite

## WORK EXPERIENCE

### Data Operations Intern

Fintrix - Boston, MA

June 2024 - August 2024

- Conducted manual and tool-assisted data auditing for over 10,000 financial firms, achieving 99% accuracy, and ensuring platform integrity through cross-referencing and validation frameworks.
- Engineered Python automation scripts using BeautifulSoup and Aiohttp to scrape and validate data for over 50,000 URLs across CSV datasets to reduce manual review time significantly.
- Optimized script performance by switching from traditional threading to asynchronous I/O (Asyncio) to cut runtime by 50% enabling concurrent processing of 300 requests/sec for large-scale data checks.
- Integrated third-party APIs to prototype AI/ML-driven validation workflows, automating error identification in hundreds of records.

### IT Technician Intern

PCS - Moorestown, NJ

May 2023 - January 2024

- Provided exceptional technical support to clients, resolving their computer, network, and software problems over the phone and in person.
- Applied problem-solving skills to resolve over 5,000 support tickets using Jira Service Desk and ConnectWise to assure 95%+ customer satisfaction.
- Trained and mentored 3 newly hired technicians on ticketing workflows and troubleshooting processes.
- Independently traveled to over 15 on-site locations for varying clients, swiftly resolving critical issues while maintaining consistent communication with supervisors.

## PROJECTS

### ColdCall (Capstone Project)

- Led team of 5 through the full software development lifecycle to build a Django-based web application for a university law professor, using Git for version control and code reviews.
- Designed and implemented custom random student selection, attendance logging, and participation tracking.
- Built CSV importing/exporting functionality and basic analytic dashboards to enable the professor to quickly access student performances across various classes and sections.
- The backend is structured with Django models and PostgreSQL to ensure reliability and scalability.

### Custom Learning Management System

- Worked full-stack with a 3-person team using Agile and Git to achieve optimal workflows.
- Designed a full-stack LMS using Java, allowing users to track grades and interact with materials through the model-view-control design, and simulated a load for 500+ concurrent users to ensure stability.
- Implemented 5+ design patterns to reduce code redundancy and effectively implement various features.

## RELEVANT COURSEWORK

**Courses:** Software Engineering, Data Structures & Algorithms, Operating Systems, Database System Design, Advanced Programming Techniques, Artificial Intelligence, Mobile Application Development