Trevor Seestedt

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EDUCATION

B.S. in Computer Science from University of South Carolina — Graduation: May 2025
Achievements: Dean's List (Fall 2021, Fall 2024)

RELEVANT COURSEWORK

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

WORK EXPERIENCE

Data Operations Intern | FINTRX - Boston, MA — *June 2024 to 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 to scrape HTMLs and Git for version control to validate data for over 50,000 URLS across CSV datasets to reduce manual review time by 70%.
- Optimized Python script performance by switching to asynchronous I/O (Asyncio, Aiohttp) to cut runtimes by 50% and enabling concurrent processing of 300 requests/sec for large-scale data checks.
- Integrated RESTful APIs to prototype AI/ML-driven validation workflows, automating error identification in hundreds of records.

IT Technician Intern | PCS - Moorestown, NJ — *May 2023 to January 2024*

- Provided exceptional technical support to clients, resolving their computer, network, and software problems over the phone and in person.
- Applied quick troubleshooting skills to resolve over 2,000 support tickets involving using JIRA 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 network and hardware issues while maintaining consistent communication with supervisors.

PROJECTS

ColdCall | Django, Python, JavaScript, SQL, HTML/CSS

- 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, project management, and code reviewing.
- Designed a custom multi-page interface with student selection, attendance logging, and participation tracking features for dynamic usability using Python and JavaScript.
- Engineered a reliable backend with SQL (MySQL, PostgreSQL) and tested with Selenium to ensure scalability for 100+ classes.
- Developed CSV importing/exporting functionality and basic analytic dashboards using Python, HTML, and CSS to enable quick access to student data across various classes and sections.

Custom Learning Management System | Java, JSON

- Architected with Java, worked full-stack within a team of 3 utilizing Agile, JIRA, and Git to achieve optimal workflows.
- Allowed users to track grades and interact with materials through the model-view-control design, simulated a load using Apache JMeter for 500+ users to ensure stability.
- Utilized 3+ design patterns and JSON for efficient data interchange and storage, reducing code redundancy and enhancing system scalability while streamlining feature implementation.