

Trevor Seestedt

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United States Citizen, Doylestown PA

EDUCATION

University of South Carolina August 2021 - May 2025
B.S. in Computer Science, *Cum Laude* GPA: 3.50

WORK EXPERIENCE

Data Operations Intern | FINTRX - Boston, MA June 2024 to August 2024

- Conducted manual and tool-assisted auditing of financial firms using Python, JavaScript, HTML in an Agile setting to gather crucial data used by clients which ensured integration with Cloud-based platforms.
- Integrated OpenAI's RESTful API to prototype AI/ML-driven validation workflows to automate error identification at high accuracy for hundreds of records.
- Developed Python automation scripts utilizing Git/GitHub for version control, employed BeautifulSoup for HTML scraping and Pandas for data cleaning, gathered and validated 50,000+ data points across in CSV datasets to successfully reduce collection and review time.
- Optimized Python script efficiency by implementing asynchronous connections, resulted in a 50% reduction in processing times for large-scale datasets.

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

- Exercised problem-solving abilities with JIRA and CI/CD practices to effectively troubleshoot over 1,500 support tickets, solving a variety of software, hardware, and network issues both remotely and in-person.

PROJECTS

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

- Worked full-stack in a team of 5 students using Python, JavaScript, SQL, and HTML/CSS through the full software development lifecycle to build a Django-based web application for a university law professor.
- Developed data visualization tools with Python and HTML/CSS for optimal viewing of student metrics through tables, dashboards, and graphs.
- Built a reliable backend utilizing SQL (MySQL, PostgreSQL), tested with Selenium to ensure scalability.
- Designed a custom multi-page interface through Python, JavaScript, and HTML/CSS for student selection, attendance logging, and participation tracking features.

Portfolio Website | React, JavaScript, Node.js, HTML/CSS

- Engineering an interactive portfolio website using React, Vite, and modern JavaScript, implementing lazy loading and context API for optimizing performance and state management.
- Integrated Spotify's RESTful API using a custom Node.js/Express backend with OAuth authentication flow, rate limiting, and cache strategies for an effective display of music in real-time.
- Developed interactive UI components through Framer Motion Animations, Swiper.js, HTML/CSS, and advanced React patterns for enhancing the user experience and website performance.

Custom Learning Management System | Java

- Led team of 3 students to create a Java based LMS to handle courses/coursework for students and teachers.
- Architected backend and frontend with Java, utilized Agile methodologies with Git/Github for 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.