Alexander Langone

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EDUCATION

University of Miami — Coral Gables, FL
BS in Computer Science GPA: 3.73 — May 2026
Computer Science Department GPA: 4.0

Ravenwood High School — Nashville, TN
Graduated: June 2022

EXPERIENCE

HCA Healthcare — Nashville, TN
Software Engineer Intern — May 2024 – Aug 2024

- Project: Developed a C# pre-processing automation program to generate index import files from patient documents, streamlining the import process into OnBase document management software. This solution addressed a Service Now ticket request from an HCA employee, reducing task work time by over 50% for HCA employees nationwide and saving significant costs in licensing and yearly maintenance fees for the built-in software solution.
- Quality Assurance Collaboration: Partnered with QA teams to conduct comprehensive system and performance testing, ensuring robustness and efficiency of software solutions.

All My Web Needs — Nashville, TN
Frontend Developer Intern — May 2023 – May 2024

- Developed and maintained responsive and user-friendly websites.
- Collaborated closely with clients to understand their requirements and translate them into functional and visually appealing website designs.
- Implemented SEO best practices to optimize website visibility and improve search engine rankings.
- Collaborated with cross-functional teams, including designers, back-end developers, and project managers, to deliver high-quality web solutions within deadlines.

PROJECTS

Machine Learning Stock Ticker Sentiment Analysis — July 2024

- Created a stock ticker entry system that uses a news API to scan all articles within a set time period for a given company.
- Implemented sentiment analysis on the collected articles to determine the average sentiment for the company.
- Tech used: Python | PyTorch | Hugging Face Transformers | News API | Beautiful Soup (bs4)

Google Voice Data to Google Sheets — Nov 2023

- Automatically sync Google Voice data with Google Sheets using Google APIs.
- Tech used: Python | Google APIs | Pandas | Beautiful Soup (bs4) | Operating System Interactions (os)

Website Automatic Button Checker — Aug 2023

- The script systematically scans the entire website, testing the functionality of buttons to ensure they work correctly. This process significantly saves time when mass-producing websites and conducting pre-shipment reviews for clients.
- Tech used: Selenium Webdriver | Python | Wordpress | HTML

ADDITIONAL

- Certifications: Google Cloud Certified
- Programming Languages: Java, HTML/CSS, Javascript, Python, C, C#, SQL
- Relevant Coursework: Data Structures and Algorithms(A+), System Programming(A), Computer Organization and Architecture(A).
- Aced both AP Computer Science Exams offered in high school to receive college credit (APCS Principles and APCS Advanced)
- Limited Working Proficiency in French
- Skilled in Adobe Photoshop, Lightroom, and Premiere Pro