Dylan Alfonso

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https://dylanalfonso13.github.io/Personal-Portfolio/

EDUCATION

Washington University in St. Louis   St. Louis, MO
Bachelor of Science in Computer Science, GPA: 3.60   Expected May 2025
Relevant Coursework: Data Structures and Algorithms, Logic and Discrete Mathematics, Object Oriented Software Development Library, Intro to Data Science, Intro to Computer Engineering

WORK EXPERIENCE

Sponsors for Educational Opportunity (SEO)   Remote
SEO Tech Developer   June 2023 – Aug 2023
- Attaining an in-depth understanding of the tech industry landscape with a focus on entry-level opportunities at prominent tech companies
- Coordinated and executed several successful full stack projects in small groups, including calls to APIs and database management using SQL

PROJECTS

SummarizePro (Python, Flask, HTML, Bootstrap, Javascript, SQLAlchemy)
- Developed a full-stack application enabling users to input URLs of articles and PDFs for automatic summarization
- Leveraged BeautifulSoup for web scraping, extracting essential content from articles, and utilizing the GPT API to generate concise summaries
- Maintained Flask routes and front-end pages, ensuing seamless presentation of summaries and error codes.
- Implemented automated testing using YAML files, enabling efficient testing on each GitHub push
- Integrated an SQL database with SQLAlchemy to store user-specific summary history, enhancing user experience and data persistence

Siempre Hemos Estado Aquí (HTML, CSS, JavaScript) https://mexstl.org/
- Collaborated on designing and creating an interactive website highlighting Mexican history in St. Louis
- Implemented an interactive map showcasing significant Mexican history locations

Mock File System (C++)
- Worked with a partner to create a file system with object-oriented principles such as interface inheritance and abstract factory patterns in mind

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow (MLT)   Remote
Career Preparation Fellow   Jan 2023 – Present
- Selected among thousands of high achieving applicants to participate in this Career Preparation program focused on professional and leadership development for software engineering
- Specially selected for a Software Engineering problem solving & programming course

Google Developer Student Club - WashU   St. Louis, MO
Marketing Lead   Aug 2022 – Present
- Responsible for organizing club activities, running social media, and increasing student involvement
- Recruited 50+ new students in the 2022-2023 school year by increasing presence of flyers on social media and around campus

Hispanic Scholarship Fund
HSF Scholar   June 2021 – Present
- Recipient of the prestigious Hispanic Scholarship Fund, which recognizes academic excellence and commitment to community
- Maintain HSF Scholar status by maintaining a high GPA throughout university and dedicating to giving back to the Hispanic community

TECHNICAL SKILLS

Programming Languages: Java, Python, C++, HTML, CSS, JavaScript, SQL
Technologies: Visual Studio Code, Eclipse, Jupyter Notebook, IntelliJ, Pandas, NumPy, Git, Github, Flask, Bootstrap, Springboot, MySQL