

Dylan Alfonso

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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

TECHNICAL SKILLS

Programming Languages: Proficient - Java, Python; Familiar - C++, HTML, CSS, JavaScript

Technologies: Proficient - Eclipse IDE, Visual Studio Code IDE, Jupyter Notebook, IntelliJ; Learning - MongoDB, Spring Boot, React,

PROJECTS

Siempre Hemos Estado Aquí (HTML, CSS, JavaScript) <https://mexstl.org/>

- Collaborated with a humanities major friend to design and create a website with an interactive website with no prior web development experience
- The user can scroll through an interactive map that highlights different locations of significance of Mexican History in St. Louis
- End goal is to amplify Mexican history in St. Louis, a critically overlooked aspect of St. Louis history

Mock File System (C++)

- School project for my object-oriented software class. Created a file system with object-oriented principles in mind
- These principles include interface inheritance, abstract factory patterns, etc. Uses the terminal as the display

WashU GPA Calculator (Java)

- User logs in and proceeds to enter classes with the number of credits and the grade they received
- Program returns their calculated GPA actively with every class entered
- As of right now, expanding to make this a full stack application, with a react front end and MongoDB

WORK EXPERIENCE

KE Camps

Frankfort, IL

Camp Counselor

June 2022 – Aug 2022

- Coordinated enjoyable activities for campers
- Cooperated with the camp director to formulate the most convenient camp schedule each week
- Introduced a scratch curriculum to get campers involved in technology

Seizing Every Opportunity (SEO)

Remote

Incoming SEO Tech Developer

June 2023 – Aug 2023

- A transformative initiative aimed at empowering Black, Latinx, and Native American college sophomore in computer science and engineering
- Attaining an in-depth understanding of the tech industry landscape with a focus on entry-level opportunities at prominent tech companies

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

- Collaborate with the core team on organizing club activities and meetings / run DSC WashU social media.
- Maintain high retention rate for the club by ensuring students continue to work on projects
- Recruited 50+ new students in the 2022-2023 school year
- Co-created “Code Café,” a collaborative space for WashU students to work on coding projects and schoolwork