

Dylan Alfonso

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EDUCATION

Washington University in St. Louis

Bachelor of Science in Computer Science, GPA: 3.60

St. Louis, MO

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: Comfortable - 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++)

- Worked with a partner to create a file system with object-oriented principles in mind
- These principles include interface inheritance, abstract factory patterns, etc. Uses the terminal as the display

Uber & Lyft Price Analysis (Python / Jupyter Notebook)

- Analyzed a data set pertaining to Uber & Lyft rides in Boston
- Used Numpy, Matplotlib, and Pandas to analyze and clean the data to find whether Uber or Lyft is less expensive during their respective peak hours

WORK EXPERIENCE

Seizing Every Opportunity (SEO)

Remote

SEO Tech Developer

June 2023 – Aug 2023

- A transformative initiative aimed at empowering Black, Latinx, and Native American college sophomores 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

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

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