Yousra Elzamzami

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EDUCATION

George Washington University Expected May 2026
BS, Computer Science *Washington, DC*
Relevant Coursework: Algorithms and Data Structures, Discrete Structures I and II, System Programming, Software Engineering, Intro to Software Development

Meridan High School June 2022
3.92 GPA *Falls Church, VA*

SKILLS

- **Programming Languages:** Java, Python, HTML/CSS, JavaScript
- **Tools & Frameworks:** VSCode, Eclipse, Git/GitHub, Android Studio, PyCharm, MATLAB
- **Soft Skills**: Advanced in written and spoken Arabic, limited proficiency in French

EXPERIENCE & LEADERSHIP

Early ID Program, Humana July 2023
IT Development Program Participant
- Shadowed professionals in the IT field, gained hands-on experience and insights into different roles and responsibilities
- Demonstrated strong problem-solving skills and adaptability to dynamic work environments during hands-on projects.

Harvard University Graduate School of Education, Making Caring Common Nov 2021– July 2022
Youth Advisory Board Member *Virtual*
- Collaborated with a diverse group of students to make schools and communities more just, caring and respectful places
- Implemented a year-long project to develop leadership skills and cultivate a culture of kindness in schools and communities.
- Provided feedback on Making Caring Common's strategies and initiatives to address pressing ethical and moral issues facing young people

Students of Color Association, Meridian High School Sep 2021 – June 2022
Founder, Co-President, Media and Outreach Director *Falls Church, VA*
- Organized and led a successful student-led walkout, mobilizing over 400 participants and prompting changes to the school's racial harassment policy.
- Collaborated with school administration and staff to represent the interests of students of color
- Utilized social media and digital platforms to amplify club events and engage a broader audience

Robotics Team 1418, Meridian High School Sep 2021 – June 2022
Programming Team Member *Falls Church, VA*
- Collaborated with team members to design and program robots for FIRST Robotics competitions.
- Utilized programming skills to develop and refine robot functionality and performance.
- Participated in outreach activities to promote STEM education and engage with local community members.

PERSONAL PROJECTS

Twitter Natural Language Processing Project (Java) December 2022
- Developed Java program, as part of the GW CSCI-1111 final project, aimed at analyzing a dataset of tweets.
- Implemented Natural Language Processing techniques to identify and extract the most common topics discussed in the tweets.
- Utilized sentiment analysis algorithms to analyze the sentiment of the sentences within the dataset, providing insights into the overall emotional tone expressed in the tweets

Spoiler Alert Chrome Extension (HTML, Javascript) June 2023
- Created and deployed custom Chrome extension using HTML and JavaScript
- Enabled users to create a personalized watch list by entering movie titles, allowing automatic blocking of any mentions of those movies on web pages
- Utilized periodic scanning and spoiler detection to apply a blur filter to elements containing movie mentions, providing users with an alert to avoid unwanted spoilers