Mazin Tagelsir

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EDUCATION

Ohio State University College of Engineering   Columbus, OH | Aug. 2021 - Present
B.S.E. in Computer Science and Engineering | GPA: 3.59/4.0   Expected: May 2025

TECHNICAL KNOWLEDGE

- **Programming Languages:** Java, Python, HTML, CSS, Sass, MATLAB
- **Operating Systems:** Linux, Windows
- **Tools:** Github, VSCode

WORK AND LEADERSHIP EXPERIENCE

OHIO STATE UNIVERSITY | ENGINEERING LAB ASSISTANT   Columbus, OH | May. 2022 – Present

- Clean and maintain lab equipment; design, repair, and test laboratory equipment to fit the needs of students and faculty.
- Tasked with prepping, constructing, and arranging designs and projects.
- Answered questions engineering students have when prompted to.

PROGRAM FOR ADVISING SCHOLARSHIP AND SERVICE | PEER LEADER   Columbus, OH | August. 2022 – Present

- Advise 40-60 first-year students to successfully adjust to college life through meeting weekly and organizing workshops.
- Create a safe space for first-years to share their experiences as underrepresented students to negate imposter syndrome.

MYIMPACT AT NICC | BUDGETING LEADER AND IT SUPPORT   Columbus, OH | August. 2018 – April 2021

- Was apart of a team that maintained the website that implemented HTML and CSS.
- Learned about media classes to make web application mobile friendly.
- Maximized funds for the annual youth conference with 50+ sponsors yearly and multiple speakers.

PROJECTS

PERSONAL PORTFOLIO(TAGELSIR.COM) ↗   HTML, CSS,Javascript,Sass | Jan 2023

- Created an online application where users can get to know me better.
- Utilized Sass as a pre-processor for the CSS file.
- Implemented Javascript to build HTML and CSS file as well as make UX more user friendly.

UNIVERSITY ROOM MATRIX APPLICATION ↗   Flask Python, HTML, CSS | October 2022

- Created an optimal version of the original Ohio State University room matrix.
- Website where students can find open rooms across campus.
- Applied knowledge of the Flask framework as well as Selenium for web scraping.

RSS NEWS AGGREGATOR ↗   Java, HTML, XML | Nov. 2022

- Generates an HTML page with links to the pages for the individual RSS feeds.
- Reads the input XML file into the XML Tree object and then processes the list of the RSS feeds.

AMAZON DATA ANALYSIS PROGRAM ↗   Java | Apr. 2022

- Implemented key Set methods using a Binary Search Tree data structure while maintaining the abstract conventions of a Set.
- Designed a list of test cases to uphold the conventions and follow industry test-driven standards to have an accurate Set.

NSBE T.O.R.C.H. PROJECT ↗   C | September 2022 - Present

- Troubleshooted a VR game targeting high school students where students can experience how it feels to be on an aircraft.
- Created a presentation where the students can learn about the functions of an aircraft.

HONORS & ACTIVITIES

- **Code2040:** *Fellowship program*   Sept. 2022 – Present
- **ColorStack:** *Family Member*   August 2022 – Present
- **National Society of Black Engineers (NSBE):** *General Member*   Oct. 2021 – Present
- **CyberSecurity Club at Ohio State(CSC):** *General Member*   Sept.2022 - Present
- **North and South Sudanese Association (NSSA):** *Representative*   Oct. 2021 – Present

INTERESTS

- **Career:** AR/VR,Product Management, Graphic Design, AI, Security, UI/UX, Web Development.
- **Personal:** Athletic Sports, Weight Training, Photography, Creating Content, Competitive Gaming, Mentoring/Volunteering.