

Mona Badran

Software Developer

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Recent Computer Science graduate skilled in both front-end and back-end web development, with background in **HTML, CSS, JavaScript, Python, Java, C++**, and **C#**. Proficient in .NET framework and experienced with MySQL for database management. Adept at using Git and GitHub for version control. Demonstrates strong capabilities in responsive design, UI/UX principles.

SKILLS

SOLID Principles

AI/ML Fundamentals

Leadership

Data Structures and Algorithms

Fast Learning

Problem-Solving

EXPERIENCE

Al-Maaref University

Teacher Assistant (C++ and OOP, Digital Logic Design)

2021-2023

Duties and Accomplishments:

- Assisted in teaching C++ and OOP, providing support to students in understanding complex concepts.
- Offered personalized guidance to struggling students, resulting in improved understanding in the subjects.

GDSC-MU Lead/ Code_it; Club President

2022-2023/ 2023-2024

Duties and Accomplishments:

- Founded and led the Google Developer Student Club (GDSC) at Al-Maaref University, organizing workshops, events, and collaborations with industry partners.
- Directed the activities for both clubs, fostering a community of software developers and organizing technical sessions and competitions, and collaborations with industry partner.
- Increased club membership by 60%, prepared university teams for LCPC for 2 years in a row.

DgPad

Data Engineering Intern

July 2023 – September 2023

Duties and Accomplishments:

- Developed a news scraping application using Python to collect and store articles in a MongoDB database.
- Implemented a Flask-based backend to query and display data on a dynamic dashboard.
- Documented the project workflow, architecture, and user guide.
- Scraped and stored over 50,000 articles from news websites.
- Launched a user-friendly dashboard for real-time data querying and visualization.

EDUCATION

Bachelor of Computer Science,

Al-Maaref University - 2019-2024

Dean's Honors List