Mohammed Sadiq Bagalkot

Year 4 Computer Science Student

An enthusiastic and passionate coder with an extensive knowledge and interest in AI, Robotics, Web/App Development, Cybersecurity.
Always eager to learn, improve and develop new skills.

Age: 21
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GitHub: https://github.com/msadiq10

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Projects

Aug 2022 – Sept 2022
MSB – *Personal Portfolio Website*
A personal portfolio website built to showcase my projects. Made using **HTML, CSS, and JavaScript.**
Link: https://msadiq10.github.io/

Jan 2022 – Aug 2022
ReadIt – *Academic Project*
Platform for readers and writers to come together, create, collaborate, and mashup stories from their favorite categories. As a **technical lead** of the team, I was responsible for both – frontend and backend, development of the project. *Technology:* **MERN Stack**.
Link: https://github.com/msadiq10/READ-IT

Nov 2021 – Nov 2021
Tic-tac-toe: Markov Decision Processes & Reinforcement Learning – *Academic Project*
An academic project to implement Value Iteration, Policy Iteration that plan/learn to play 3x3 Tic-Tac-Toe game in **Java**.
Link: https://github.com/msadiq10/TicTacToe

Aug 2021 – Aug 2021
Snake Game – *Personal Project*
The classic snake game made using the **Pygame** library in **Python**.
Link: https://github.com/msadiq10/Snake

Mar 2021 – Apr 2021
Mastermind – *Academic Project*
An academic project to implement the famous mastermind game in **C** and **ARM Assembler** to understand the concept of Systems Programming.
Link: https://github.com/msadiq10/MasterMind

Jan 2021 – Feb 2021
Image Steganography – *Academic Project*
Image steganography of PPM images to encode and decode messages in the red pixel field of the images **using C**.
Link: https://github.com/msadiq10/steg

Education

2019 - 2023
BSc. (Hons.) in Computer Science
Heriot-Watt University Dubai Campus
Current subjects: Data Mining and Machine Learning, Intelligent Robotics, Industrial Programming

Skills

Technical Skills –
- Python, Java, C++
- HTML, CSS, JavaScript
- MERN Stack (MongoDB, Express, ReactJS, NodeJS)
- C#, .NET
- C, ARM, Raspberry Pi
- XML, Prolog, OCaml, PDDL
- MS Excel, Word

Soft Skills –
- Problem Solving
- Critical Thinking
- Teamwork and Leadership

Achievements

- Deputy Principal's Award (2020 – 2021)
- AWS Cloud Practitioner Essentials (2022 – Present)
- Other certificates

For more details about myself, my projects, and my interests, please visit my portfolio website: **https://msadiq10.github.io/**