

HUSSAIN AZIZ SAIF

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Professional Profile

Computer Engineering student with a passion for technology and problem-solving. Proficient in Python, C++, JavaScript, C#, and has hands on experience with AWS. Eagerly exploring the fields of data science, machine learning, and deep learning, with a keen eye for innovative solutions and continuous learning.

Education

BSc Computer Engineering with minor in Data Science

GPA: 3.82/4

at American University of Sharjah, UAE. (Expected Graduation: May 2024)

Relevant Courses: Machine Learning, Neural Networks, Computer Security

Work Experience

Internship – December 2023 to January 2024

Marshall Radio Telemetry Gulf, Dubai, UAE

- Designed an admin dashboard using *React* that displays their users' analytics and locations.
- Developed APIs in *Django* to efficiently query the database of 4k+ users to generate the analytics.

Internship – July 2023 to August 2023

Petrofac, Sharjah, UAE

- Explored the various departments including the data science, cyber security, and RPA departments.
- Leveraged *UI Path* to design and implement an automated solution for filtering and locating invoices, enhancing operational efficiency by 80% compared to the manual processes.

Certifications

- AWS Academy Cloud Foundations Course** – Amazon, February 2021.
- RedHat System Administration (RH124)** – RedHat, January 2024.

Honors

- Tau Beta Pi Engineering Honor Society** at American University of Sharjah – May 2023
- IEEE Eta Kappa Nu Lambda Lambda Chapter** at American University of Sharjah - May 2022

Skills

- Proficient in Python, JavaScript, C++, C#, Java.
- Familiarity with keras and scikit-learn, pandas.
- Experienced with React, Avalonia UI, Flutter.
- Competent with Django, and ASP.NET.
- Strong oral and technical communication.
- Creative and reliable team player.
- Effective time management and organization skills.

Projects

AUS Exchange Program Application Portal – September 2023 - May 2024.

- A website for the exchange office in American University of Sharjah that automates the course approval process for outgoing exchange students. Made using *NextJS* and *Django* and deployed on *AWS*.

Lumafly – January 2023 – Ongoing

- A fully featured, cross platform desktop app written in *C#* which currently has 200k+ downloads.

Anomalous Sound Detection – September 2023 – Ongoing

- Uses unsupervised machine learning techniques for anomaly detection in factory machine sounds.

A complete list of projects can be found at <https://hussain-aziz.github.io/#portfolio>