Ammar Almajed

Software Engineer

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🔗 My Website

EDUCATION

Bachelor of Science, Software Engineering — Aug 2019 – Jun 2024
King Fahd University of Petroleum and Minerals — Dhahran, Saudi Arabia
Cumulative GPA: 3.77 / 4.00 with First Honors.

Major Concentration, Artificial Intelligence and Machine Learning — Aug 2023 – Jun 2024
King Fahd University of Petroleum & Minerals — Dhahran, Saudi Arab

Exchange Semester — Aug 2022 – Dec 2022
Korea Advanced Institute of Science and Technology — Daejeon, South Korea
Elected to represent KFUPM in the exchange program held at KAIST from August 2022 to December 2022.

EXPERIENCE

Student Assistant — May 2023 – Jul 2023
King Fahd University of Petroleum & Minerals - KFUPM — Dhahran, Saudi Arabia
Helping students succeed in Math 208: Differential Equations & Linear Algebra.

Introduction to Programming in Python Grader — Jun 2020 – Aug 2020
King Fahd University of Petroleum & Minerals - KFUPM — Dhahran, Saudi Arabia
Corrected Python and C programming assignments for more than 500 students.

PROJECTS

WikiProduct — Aug 2023 – present
An AI-powered digital warehouse system and web archive showcasing diverse internet products with personalized shopping recommendations.
Stack: Django, Angular, Nginx, PostgreSQL, ChromaDB, and Docker.

Benchmarking — Aug 2023 – Dec 2023
Build SVM, NN, DT, and XGB models on a dataset and select the best model, which achieves 94% accuracy. Also, implement active learning to achieve similar accuracy with less data.
Stack: Sklearn, PyTorch, and Tensorflow.

CarGAN — Aug 2023 – Dec 2023
Developed a model using GAN architecture that generates accurate car images, with discriminator loss equal to 50%.
Stack: PyTorch.

SKILLS

Technical Skills
Programming Languages: Python | JavaScript | Java
Backend: Django | Express
Frontend: Vanilla JS | Angular
Deep Learning: PyTorch
Virtualization: Docker
Version control: Git
Data science: Pandas | Matplotlib

AWARDS

2nd Place in KFUPM Innovation Hackathon
KFUPM Computer Club
Feb 2023

COURSES

Software Requirements

Software Design Patterns

Web Engineering & Development

Software Project Management

LANGUAGES

- Arabic
- English