Ammar Almajed

Software Engineer

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⬈ My Website

EDUCATION

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

EXPERIENCE

May 2023 – Jul 2023	**Student Assistant** *King Fahd University of Petroleum & Minerals - KFUPM* Helping Students in Math 208 (Differential Equations & Linear Algebra)	Dhahran, Saudi Arabia
Aug 2022 – Dec 2022	**Exchange Student** *Korea Advanced Institute of Science and Technology* Elected to represent KFUPM in the exchange program which was held in KAIST between August 2022 to December 2022.	Daejeon, South Korea
Jun 2020 – Aug 2020	**Introduction to Programming in Python Grader** *King Fahd University of Petroleum & Minerals - KFUPM* Correcting python and C programming assignments for more than 500 students.	Dhahran, Saudi Arabia

PROJECTS

Aug 2023 – Dec 2023	**CarGAN** *PyTorch* Developed a model that generate accurate car images using GAN architecture, with discriminator loss equal to 50%.
Aug 2023 – Dec 2023	**Benchmarking** *Sklearn | Tensorflow | PyTorch* Develop diverse models, including SVM, NN, DT, and XGB on a dataset to measure each model performance and selecting the best model with 94% accuracy. In addition, develop an active learning mechanism that enabled the model to achieve similar levels of accuracy with less amount of data.

SKILLS

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

COURSES

Software Requirements

Software Design Patterns

Web Engineering & Development

Software Project Management

Deep Learning

Machine Learning

Computer Vision

Natural Language Processing

LANGUAGES

Arabic

English
TOEFL 74