

Ammar Almajed

Software Engineer

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🌐 My Website

EDUCATION

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|---------------------|---|--------------------------|
| Aug 2019 – May 2024 | Bachelor of Science: Software Engineering <i>King Fahd University of Petroleum and Minerals</i> Cumulative GPA: 3.77 / 4.00 with First Honors. | Dhahran, Saudi Arabia |
| Aug 2022 – Dec 2022 | Exchange Semester <i>Korea Advanced Institute of Science and Technology</i> Elected to represent KFUPM in the exchange program which was held in KAIST between August 2022 to December 2022. | Daejeon, South Korea |

EXPERIENCE

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|---------------------|---|--------------------------|
| May 2023 – Jul 2023 | Student Assistant <i>King Fahd University of Petroleum & Minerals - KFUPM</i> Helping Students in Math 208 (Differential Equations & Linear Algebra) | Dhahran, Saudi Arabia |
| Jun 2020 – Aug 2020 | Introduction to Programming in Python Grader <i>King Fahd University of Petroleum & Minerals - KFUPM</i> Correcting python and C programming assignments for more than 500 students. | Dhahran, Saudi Arabia |

PROJECTS

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| Aug 2023 – Dec 2023 | CarGAN <i>PyTorch</i> Developed a model that generate accurate car images using GAN architecture, with discriminator loss equal to 50%. |
| Aug 2023 – Dec 2023 | Benchmarking <i>Sklearn Tensorflow PyTorch</i> 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