

# Ammar Almajed

## Software Engineer

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in LinkedIn/AmmarAlmajed 🌐 GitHub/Almajeda 🖱 My Website

## OBJECTIVE

As a Software Engineer experienced in the full software development life cycle, I excel in writing requirements, designing architectures, development, testing, deployment, and maintenance processes. My proficiency in Object-Oriented Programming (OOP) and a strong commitment to software quality measurements enable me to deliver high-performing and scalable software solutions that meet project standards and expectations.

## EDUCATION

### King Fahd University of Petroleum and Minerals

Aug 2019 – May 2024 | Dhahran, Saudi Arabia

*Bachelor of Science: Software Engineering*

Cumulative GPA: 3.77 / 4.00 with First Honors.

## EXPERIENCE

### Student Assistant

May 2023 – Jul 2023 | Dhahran, Saudi Arabia

*King Fahd University of Petroleum & Minerals - KFUPM*

Helping Students in Math 208 (Differential Equations & Linear Algebra)

### Exchange Student

Aug 2022 – Dec 2022 | Daejeon, South Korea

*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.

### Introduction to Programming in Python Grader

Jun 2020 – Aug 2020 | Dhahran, Saudi Arabia

*King Fahd University of Petroleum & Minerals - KFUPM*

Correcting python and C programming assignments for more than 500 students.

## PROJECTS

### CarGAN

Aug 2023 – Dec 2023

*PyTorch*

Developed a model that generate accurate car images using GAN architecture, with discriminator loss equal to 50%.

### Benchmarking

Aug 2023 – Dec 2023

*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

## LANGUAGES

### Arabic

### English

TOEFL 74