

KHALID ALNUJAIDI

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EDUCATION

Bachelor of Computer Science, Prince Mohammad Bin Fahd University

Sep 2020 - May 2024

Achievements: Winning top 3 at national [NEOMs OXAGON Hackathon 2022](#).

3.49 GPA

EXPERIENCE

Data Scientist — Mozn

Oct 2024 - Current

Tasked to extract insight out of big data.

Jr. Data Scientist — Crayon

Aug 2024 - Oct 2024

Working on multiple client projects, including developing an OCR pipeline integrated with an LLM for smart auditing. Proposing business solutions based on raw data analysis. ETL tasks.

Strategy Specialist Intern — Saudi Authority for Data and AI

June 2023 - Sep 2023

Surveyed generative AI applications and trends, bench-marked global innovations, and delivered comprehensive reports and presentations.

Co-founder & CTO — PreBinary Smart Solutions

Oct 2022 - Jan 2023

Take part of Blossom Accelerator sponsored by OXAGON; Met and interviewed potential investors and customers. Worked on developing an MVP and pitch deck for angel investors; Fine-tuned ML models and product developments.

Research Assistant — RoboLab at PMU

Jun 2022 - Sep 2022

Collected, labeled, and processed images using CV2 in Python. Experimented with feature extraction using MATLAB and conventional ML using Weka , deep learning experiments using TensorFlow. Completed a conference paper.

SKILLS

Technical Skills

Research, GitHub, Unity, Power BI, \LaTeX

Programming Languages

Python, Java, C#, C++, SQL, JS/CSS/HTML, Kotlin

Libraries

OpenCV, TensorFlow, Matplotlib, NumPy, Scikit, Flask, Pandas, PyQt

PROJECTS

These are a few selected projects, and more can be found on my GitHub profile: github.com/KhalidAlnujaidi

ConvNet Runner. Built a GUI applications that lets user Train, Test, Evaluate custom image classification models without writing a line of code. The project won a [TensorFlow Community Spotlight Award](#)

Blind Line. Innovative education system for the visually impaired. A Custom 3D printed ring that integrates Raspberry Pi. This ring is able to capture images of Braille and translate it to speech.

Smart Surveillance. A real-time infographic fullstack web-application that analyzes live footage using object detection. The application records/stores/serves videos of flagged objects.

CERTIFICATION

- Microsoft Certified: Azure Data Scientist Associate

PUBLICATIONS

- Alnujaidi, K., et al. (2023). Spot-the-Camel: Computer Vision for Safer Roads. International Journal of Artificial Intelligence and Applications (IJAIA), 14(2).
- Alnujaidi K, et al. (2023). Learning at Your Fingertips: An Innovative IoT-Based AI-Powered Braille Learning System. Applied System Innovation, 6(5), 91. <https://doi.org/10.3390/asi6050091>