Yazeed Faris

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Education

King Fahd University of Petroleum and Minerals — Dhahran, Saudi Arabia
Bachelor of Science in Computer Science, Concentration in AI & ML — *Aug. 2023 – May 2027*
GPA: 3.7 (out of 4)

Relevant Courses:

- ICS202: Data Structures and Algorithms
- YMLS: Machine Learning Specialization (Stanford Online)
- RES200: Independent Research

Honors:

- Emerging Professor Program (EPP) (2025) – Nominated for a professor career scholarship at KFUPM by President Muhammad al-Saggaf
- Assess & Advise (Statistics Competition) (2025) - Third place
- The Arab World Youth Programming Competition (2023) – Fifth place
- Ibdaa Research Olympiad (2023) – Medal recipient

Experience

Actuarial Machine Learning Researcher — Sep. 2024 – Feb. 2025
SDAIA-KFUPM Joint Research Center for AI — *Dhahran, Saudi Arabia*

- Developed a hybrid actuarial machine learning model that accurately predicts insurance coverage usage based on a policyholder's profile using NumPy and TensorFlow
- Deployed a StreamLit demo app that interactively allows users to test and run the actuarial machine learning model based on their personal profile in real-time.

Biocomputation Researcher — Aug. 2022 – July 2023
Imam Abdulrahman Bin Faisal University — *Dammam, Saudi Arabia*

- Collaborated with data science and epidemiology faculty at IAU to assess preliminary indicators of peripheral neuropathy in Covid-19 cases

Projects

Actuarial Machine Learning Model | *Python, NumPy, TensorFlow, StreamLit, Pandas* — Sep. 2024 – Feb. 2025

- Trained and finetuned the hybrid healthcare insurance model on 800,000 separate policyholder and insurance outcomes to ensure the most optimized machine inference

16-Bit-pipelined-CPU | *Logisim, Verilog* — May. 2025 – May. 2025

- Solo three-day speedrun of building a 16-bit pipelined CPU implementing MIPS RISC architecture as well as numerous niche instructions.

Multi-Indexed AVL Tree Search Model | *Java, Git* — Dec. 2024 – Jan. 2024

- Collaborated with a peer to construct a search model tailored to KFUPM's database specifications with Log(n) complexity based on student attributes such as college ID, first name, and last name

Technical Skills

Languages: Java, Python, C++, MIPS Assembly
Libraries: Pandas, NumPy, Seaborn, TensorFlow, StreamLit, Pickle

Languages

Arabic: native
English: proficient, TOEFL iBT score: 109

References

Available upon request