Aljawharah Alnajim, AI/ML Research & Engineering Intern

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LINKS

LinkedIn: Aljawharah Alnajim, github:

PROFESSIONAL SUMMARY

AI and Machine Learning Intern with a strong foundation in predictive analytics and a commitment to driving innovative solutions. Leveraging hands-on experience in developing and optimizing ML models, employing advanced data visualization techniques, and harnessing NLP strategies to deliver impactful insights. Proficient in Python and data-driven decision-making, with a keen interest in enhancing model performance and efficiency. Eager to contribute to cutting-edge AI research and engineering projects, fostering advancements in technology and analytics.

EXPERIENCE

Jul 2025 — Present

Artificial Intelligence and Machine Learning Intern, Baseel Partners

- Developed ML models that improved predictive analytics accuracy by 15% using Python (Scikit-learn, TensorFlow).
- Optimized algorithms, reducing processing time by 20% for real-time data applications.
- Researched transformer-based NLP techniques, contributing to 2 internal papers on AI trends.
- Employed data visualization techniques to support decision-making and drive impactful results.

Feb 2025 — Present

AI Developer and Data analyst, Ehtwa NPO
Riyadh, Saudi Arabia

- Developed and optimized machine learning models to enhance predictive analytics.
- Automated data analysis tasks, achieving an 80% reduction in manual effort, saving over 10 hours per week.
- Improved model accuracy by 12% through advanced feature engineering and hyperparameter tuning.
- Delivered over 15 actionable insights via dashboards using Tableau and Power BI for informed decision-making.

Jan 2025 — Aug 2025

AI Researcher under IT Department, Vision Club 2030
Riyadh, Saudi Arabia

- Designed a computer vision prototype for object detection, achieving 90% precision using OpenCV/YOLO.
- Collaborated with engineers to deploy an AI chatbot, reducing members query response time by 30%.

Feb 2025 — Jun 2025

Director of Information Technology, Digital Innovation Unit
King Saud Universty

- Directed a team of 20 in a university-wide LMS upgrade, enhancing service efficiency by 25%.
- Implemented cybersecurity measures that reduced system vulnerabilities by 40% using SIEM tools.

Apr 2025 — Apr 2025

Participant and Team Leader, Hackathon KSU

- Led a team to develop innovative AI solutions during Hackathon KSU, focusing on problem-solving and creativity.

Aug 2025 — Present

Python Developer Intern , Saiket Systems

- Developed AI models using Python and TensorFlow for predictive analytics.
- Conducted data visualization to present insights effectively to stakeholders.
- Collaborated on machine learning projects focusing on NLP and computer vision.
- Optimized model training processes to enhance performance and efficiency.
- Engaged in research to apply supervised and unsupervised learning techniques.

EDUCATION

Jan 2023 — Jan 2027

Bachelor's degree in information systems, King Saud University
Riyadh, Saudi Arabia

GPA:4.93

Jan 2019 — Jan 2023

King Abduallah Academy
Virginia, USA

National Honors Student Member

SKILLS

SQL	Application Development

Jupyter	TensorFlow/PyTorch
Python	Data Visualization
NLP	AWS SageMaker/Lambda
Supervised/Unsupervised Learning	Computer Vision
Model Training	Linear Algebra, Probability

CERTIFICATIONS

Aug 2025	AWS Educate Introduction to Generative AI
Aug 2025	AWS Educate Machine Learning Foundations
Jun 2025	Python Essentials 1, Cisco
Jun 2025	Cloud Computing Fundamentals, IBM
Jun 2025	Artificial Intelligence Fundamentals, IBM
Jun 2025	Fortinet Certified Fundamentals Cybersecurity, Fortinet

LANGUAGES

Arabic	Native speaker	English	Highly proficient