

Leen Refka

Computer Scientist | AI Systems & Real-World Deployment
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Detail-oriented and goal driven Computer Science student with a strong interest in AI and Data Engineering, eager to build impactful projects and to continue learning about cutting-edge AI and cloud technologies

EDUCATION

2023–2027 **King Fahd University of Petroleum & Minerals**
B.Sc. Computer Science

EXPERIENCE

- 2025–Now **Outreach Team Lead — RoboNexus** | KFUPM
- Leading sponsorship & partnership acquisition for a global robotics competition
 - Managing competitor outreach and cross-regional coordination
- Fall 2025 **Mentee — PwC Middle East**
- Gained insight into enterprise-level AI integration and decision-support systems
 - Learned to align technical recommendations with business stakeholder objectives

PROJECTS

- Reportra** — founder
- Building a RAG + LLM pipeline that turns sensor CSVs and inspection photos into compliant PDF reports for O&M firms (Python, LangChain, FastAPI, React)
- Medical Records Automation** — Independent Research
- Researching AI-driven generation of clinical documentation; applying the same reporting pipeline concept to healthcare
- Car Evaluation Classification Model**
- Built and evaluated KNN, SVM, MLP classifiers using scikit-learn; cross-validation and confusion matrix analysis
- TutorLink — Course & Tutor Platform**
- Contributed to a web-based tutoring platform: feature workflows, UI logic, academic data organization

SKILLS

Languages Python, SQL, C++, Java, JavaScript
Frontend React, Next.js, HTML, CSS
Backend Node.js, FastAPI, Flask
AI / ML RAG pipelines, LangChain, LLM integration (Claude, GPT-4o), Pinecone, EDA, scikit-learn
Tools Git/GitHub, Jupyter, VS Code, Figma, Postman

CERTIFICATIONS

Oracle AI Foundations

Community

- Academic Mentor (English & Math), KFUPM — exam-review sessions and structured academic support
- Hackathons: Reached finals in Logistathon & Aramco Consulting Championship; co-organized MECC Hackathon
- Local Ambassadors Coordinator, Global Student Research Conference (GSR) — outreach & marketing