

RIMAS ALHAZMI

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SUMMARY

AI Specialist with practical experience in Deep Learning, Computer Vision, and NLP. Skilled in building RAG systems and autonomous agents using LangGraph. Focused on developing functional AI solutions and transforming concepts into production-ready applications with real-world impact.

EDUCATION

Bachelor of Science in Artificial Intelligence
University of Prince Mugrin (UPM)

Madinah, Saudi Arabia

2021-2026

EXPERIENCE

Internship | Sahm Algo

Jun 2026 – Present

- Productized and commercialized the AI Customer Service framework into a scalable, industry-agnostic B2B solution featuring custom prompt libraries and financial safety guardrails.

Co-op Trainee | Sahm Algo

Jan 2026 – Jun 2026

- Engineered a custom Generative AI image platform for marketing, integrating text-to-image models to eliminate stock asset costs and boost production output by 5x.
- Architected and built a bilingual (AR/EN) AI Customer Service Chatbot using LangGraph and Gemini LLM, engineering a multi-stage state machine for complex query routing.
- Implemented a custom, production-ready RAG pipeline with automated intent classification and a security guardrail layer.

Artificial Intelligence Club — Event Management Lead

Jan 2023–Jan 2026

- Promoted AI awareness through seminars and student-led activities connecting theory to practice.

PROJECTS

- FORSA – AI-Powered Recruitment System (Graduation Project): A bilingual multi-agent platform that automates CV screening, job matching, and skill-gap analysis using LLMs, RAG, and API integration.
- Hate Speech Detection (NLP): Developed GRU and BERT models to classify social media text as hate speech, offensive, or neutral using advanced preprocessing techniques.
- Skin Cancer Classification: Built a CNN model with VGG16 transfer learning and data augmentation to analyze medical images.
- Real-time Currency Detector: Created a Streamlit app using OpenCV, SIFT, and FLANN for real-time recognition and counterfeit detection of Saudi banknotes.

HACKATHONS & AWARDS

- Finalist - Industry Hackathon 2025 (Acwa Power Challenge)- one of the Top 5 Finalist teams (out of 9,600+ participants)
- Finalist - Dr. Abdullah Dahlan Award for the Environment- Qualified in Top 20 environmental AI solutions.

SKILLS

- Programming & Tools: Python, Version Control (GitHub), PyCharm.
- Backend & DevOps: FastAPI, Docker, Docker Compose, PostgreSQL, REST APIs.
- Agent Development: Autonomous AI Agents, Multi-Agent Orchestration, LangGraph, LangChain.
- AI/ML Frameworks: Deep Learning (PyTorch), Model Evaluation, and Deployment.
- Computer Vision: Object Detection (YOLO), OpenCV, and Real-time Recognition systems.
- NLP: LLMs, RAG, Text Classification, and Language Analysis.
- Professional Skills: Problem-Solving, Technical Communication & Collaboration.

CERTIFICATES

- Intro to Generative AI & Prompt Engineering – Manara (Aug 2025)
- Artificial Intelligence Fundamentals – IBM SkillsBuild (Mar 2025)
- Fundamentals of Reinforcement Learning – University of Alberta (Coursera, Dec 2024)
- Fundamentals of Artificial Intelligence – SDAIA (Nov 2024)

LANGUAGES

Arabic: Native

English: Proficient