

Ghaida Alzaidan

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PROFILE

Senior Computer Science student specializing in **Machine Learning, LLMs, Web Development, and UI/UX**, experienced in building AI models, interactive GUIs, and responsive websites, with strong leadership and problem-solving skills.

EDUCATION

King Saud University

Aug. 2022 – Jun. 2026

Bachelor of Science in Computer Science

– **Electives:** Machine Learning, Image Processing, Human-Computer Interaction, Data Mining

PROJECTS

Detection of AI-Generated Pictures of Products in E-commerce Websites (Graduation Project) Aug. 2025 – present

– Developing a hybrid model integrating **ResNet-50 CNN** for fine-grained artifact detection and **CLIP Vision Language Model** for high-level semantic inconsistencies in e-commerce images.

Connect 4 AI - Kaggle 1st Place out of 40 participating teams

Sep. 2025 – Dec. 2025

– Built an ensemble model (XGBoost, RF, CatBoost, CNN) optimized via Optuna; achieved 75% test accuracy.
– Implemented advanced feature engineering including positional evaluation and threat detection and data augmentation.

Hallucination in LLMs: A Literature Review

Mar. 2024 – Apr. 2024

– Wrote a literature review on LLM hallucinations, covering causes, unresolved challenges, mitigation and evaluation methods.

Personal Portfolio Website & AI Recipe Maker

Mar. 2024

– Designed and deployed a responsive portfolio website, focusing on usability and consistent layout across different screen sizes.
– Integrated an **AI Recipe Maker** using Claude API and FastAPI to generate dynamic recipes from user inputs.

LEADERSHIP

Social and Cultural Club, *Vice President*

Aug. 2025 – present

– Manage club **finances and university reservations**, ensuring efficient resource allocation for all events.
– Oversee the **committee evaluation system** to determine the "Best Committee Award by points" each semester.

Social and Cultural Club, *Kanaba Event President*

Aug. 2024 – Jul. 2025

– Led a cross-functional team for a flagship academic event, growing a social media account from scratch to **+900 followers in 14 days** and winning **Best Committee Award by member votes**.

VOLUNTEERING

Cyber Security Club Tech Committee

Jan. 2026 – present

– Contributing to technical workshops and security awareness initiatives for the student body.

Student Mentor in CS

Aug. 2024 – present

– Organize orientation sessions and provide academic consultations for junior Computer Science students.

KSU CPC Design and Marketing Committees

Aug. 2024 – Jun. 2025

– Developed graphic designs and outreach strategies for national-level competitive programming competition.

CERTIFICATIONS

- **Generative AI with AWS** Amazon Web Services (Jul 2025)
- **Machine Learning Foundations** Udacity (Jul 2025)
- **Competitive Programming Bootcamp** Tuwaiq Academy (May 2025)

SKILLS

Languages/Tools: Python, Java, JavaScript, HTML / CSS, SQL, Git, AWS.

Frameworks: PyTorch, Scikit-learn, XGBoost, FastAPI, Jinja.

Soft Skills: Leadership, Systems Thinking, Research skills, Analytical thinking, Teamwork.

Web/UI/UX: Web/UI/UX: Responsive Design, Figma, Prototyping, Wireframing, User-centered design.