KSANDRA HADDAD

Senior Student in Artificial Intelligence.

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OBJECTIVE

Final-year Artificial Intelligence student with experience in machine learning, deep learning, and IoT systems. Skilled in Python, Java, and embedded systems, with hands-on experience in Arduino, Flutter, and web development. Proven ability to deliver academic projects addressing real-world challenges, with strong problem-solving, teamwork, and leadership skills. Eager to contribute technical and interpersonal skills to innovative technology teams focused on AI and data-driven solutions.

EDUCATION

B.Sc. in Artificial Intelligence - University of Jordan
Oct 2022 – Expected June 2026 | GPA: 3.3/4.00

ACADEMIC PROJECTS

Diabetes Wise – Mobile Application Development Project, University of Jordan
Developed a mobile app that helps individuals with type 2 diabetes manage their health through personalized meal suggestions and real-time support. Implemented features such as voice assistance for elderly users and a Safe Mode for managing blood sugar episodes.

Skills gained:

- Flutter/Dart development
- UI/UX design and accessibility
- Real-time data handling
- Team collaboration

From Accuracy to Reliability: Calibration & Selective Prediction on ResNet-18 – Deep Learning Course, University of Jordan
Built a ResNet-18 skin-lesion classifier and applied temperature scaling to calibrate predicted probabilities. Evaluated reliability with ECE, NLL, reliability diagrams, and risk–coverage curves, achieving high accuracy with notably improved calibration—making the model more trustworthy for clinical decision support.

Skills gained:

- Deep learning (ResNet-18, calibration/temperature scaling)
- Model evaluation (ECE, NLL, reliability diagrams, risk–coverage)
- Data preprocessing & augmentation
- Python/PyTorch workflow and experiment tracking

UniAccess – RFID Attendance System - Embedded Systems Course , University Of Jordan
Developed an embedded system with Arduino + NFC integrated with a Flask web dashboard and SQLite database. Automated attendance logging, reducing errors and eliminating proxy attendance.
Skills gained:
- Embedded system design
- Flask web development
- NFC integration
- Database management
- System automation

AI in Education – Ethics and Human-Centered AI – Ethics of AI & Data Science Course Explored the role of ethical AI in education, focusing on fairness, inclusion, and responsible design.
Skills gained:
- Ethical AI principles
- Human-centered design
- Critical analysis

SKILLS & ABILITIES

• **Languages:** Arabic (Native), English (Proficient – written and spoken).
• **Technical Skills:** Python, Java, Dart, TensorFlow, Keras, MATLAB,Arduino, Figma, Web development(HTML,CSS,JS), Microsoft Office.
• **Soft Skills:** Leadership, Communication, Time and Project Management, Flexibility, Teamwork, Analytical Thinking, Open personality.

CERTIFICATIONS

- **Tharaa for Training:** Tech Bootcamp (9 Skills).
- **The Hope International Company:** UI/UX Design Program.
- **Al Hussein Technical University (HTU):** SUMO Robot Contest 2024 – Participation.
- **KASIT – University of Jordan:** Java for Beginners.
- **MathWorks:** MATLAB Onramp.
- **MathWorks:** App Building Onramp.
- **MathWorks:** Image Processing Onramp.