

Ahmed Hashash

📧 CONTACT

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🛠️ SKILLS

PROGRAMMING LANGUAGES

Python, Java, Go, JavaScript (Node.js),
C/C++ (Arduino)

FRAMEWORKS & LIBRARIES

Tauri, scikit-learn, pandas

HARDWARE & ENGINEERING

Arduino, Microcontrollers, Flex-Sensor
Integration, Embedded Systems
Troubleshooting

🎓 CERTIFICATIONS

AWS Academy Machine Learning
Foundations

👤 PROFILE

Tech-driven creator combining expertise in backend development, data-driven machine learning, and hardware engineering. Adept at designing predictive machine learning models, engineering interactive Arduino robotics, and co-developing robust backend systems for custom applications.

🎓 EDUCATION

Bachelor of Science in Computer Engineering

Expected 2029

German Jordanian University (GJU) — Amman, Jordan

🏢 EXPERIENCE & PROJECTS

Project CAS

Backend Co-Developer

- Co-developed backend architecture and desktop launcher applications using Node.js, Go, and Tauri.
- Diagnosed and resolved software environment issues, execution-policy errors, and systemic bugs to ensure stable, reliable deployments.

Robotic Hand

Hardware & Embedded Systems

- Engineered the electronics and functional mechanics for a 3D-printed robotic hand capable of mimicking human finger movements.
- Built a custom control system on an Arduino microcontroller, integrating flex sensors on a wearable glove to actuate servo motors via tensioned fishing lines.

Machine Learning & Data Analysis

- Designed predictive machine learning models and applied foundational AI principles to process and interpret data.
- Wrote Python scripts using pandas and scikit-learn to compute evaluation metrics, plot confusion matrices, and generate ROC curves.
- Earned the AWS Academy Machine Learning Foundations badge.