Adam Hassan

Graduate Computer Engineer | Networks, embedded systems, Python
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Nationality: Egyptian | Residence: UAE residence visa | Availability: immediate

PROFILE

Computer engineering graduate (June 2026) with a 3-month network operations internship, now preparing for the Cisco CCNA. Graduation project: a smart irrigation controller that used 30% less water than a fixed-timer plot in a six-week campus test. Works with Python, Linux, and switch and VLAN configuration. Seeking a graduate programme or a junior network or systems role in the UAE.

EDUCATION

Bachelor of Science in Computer Engineering
Larkfield University, Dubai, United Arab Emirates
Sep 2022 to Jun 2026 | GPA 3.5 of 4.0

- Graduation project: built a soil-moisture irrigation controller (sensors, microcontroller, Python dashboard) to replace a fixed sprinkler timer; tested for six weeks on two campus plots.
- Relevant courses: Computer Networks, Operating Systems, Embedded Systems, Databases.

EXPERIENCE

Network Operations Intern
Fabrikam Networks, Dubai, United Arab Emirates
Jun 2025 to Aug 2025

- Monitored network alerts for 40 client sites and logged 120 tickets with the on-call engineer.
- Wrote a Python script that checked switch configurations against the team standard, replacing about 2 hours of manual checks a week.

PROJECTS

- **Campus room booking app** (team of 4, 2025): built the booking database (PostgreSQL) and its search page; 300 students used it in the first month.

TRAINING

- Cisco CCNA: self-study since Jul 2026, exam booked for Jan 2027
- Cisco Networking Academy: Introduction to Networks course, 2025
- Linux command line, university IT club workshop series, 2024

VOLUNTEERING

- IT help desk volunteer, Larkfield University (2023 to 2025): solved laptop and network problems for about 150 students a term, around 5 hours a week.

SKILLS

Python | Linux | Network configuration (switches, VLANs) | PostgreSQL | Git | Arduino and microcontrollers

LANGUAGES

Arabic: native | English: professional working level (IELTS Academic 7.0, 2025)