

BASSAM KHALED ALMUTAIRI, Computer Engineer

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PROFESSIONAL SUMMARY

Computer Engineering graduate with a strong focus on Networking, Embedded Systems, and hardware maintenance. Experienced in system troubleshooting and network setup, with foundational knowledge in AI applications and automation concepts. Proficient in Python and C++, with a proven ability to integrate hardware and software for technical solutions.

PROFESSIONAL TRAINING

Cooperative Training, Computer Engineering | Saudi Broadcasting Authority (June 2025 - Aug 2025)

- Awarded a Letter of Commendation for successfully diagnosing and repairing a critical technical failure in the radio studio units.
 - Gained hands-on technical experience across vital engineering divisions, including Satellite, Broadcasting, and Power Systems.
 - Maintained IT infrastructure and resolved network connectivity issues to ensure seamless broadcasting operations.
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EDUCATION

Bachelor of Computer Engineering, University of Tabuk Jan 2021 - Jan 2026

- Relevant Coursework: Computer Networks, Embedded Systems, Artificial Intelligence, IoT, Cybersecurity.
- Technical Skills: Networking, IoT Development, Embedded Systems, Python, C++, Microcontrollers, Troubleshooting, System Integration.

COURSES & TRAINING

- Introduction to Automation, Personal Training (Oct 2025 - Nov 2025)
- Embedded Systems Installation, Personal Training (Mar 2025 - Sep 2025)

PROJECTS

Graduation Project: Smart Road Studs System (Feb 2025 — Dec 2025)

- A definitive solution to traffic congestion
- Reducing traffic accidents
- Support smart city initiatives with AI-based traffic control

Company Network Design with Branch (Nov 2025)

- Designed a scalable network for the main office and branch, using RIP and EIGRP for routing, and VLANs to segment traffic, with internet simulation.
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SKILLS

Technical Troubleshooting

Project management

Teamwork and collaboration

Network Administration & Design

Hardware & Software Integration

Embedded systems development

LANGUAGES

Arabic

English