

# RAGHAD ABDULLAH AL-QARNI

INFORMATION TECHNOLOGY STUDENT | INTERESTED IN SOFTWARE DEVELOPMENT & DATA ANALYSIS

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## EDUCATION

### King Abdulaziz University

Aug 2022 - Present

- Bachelor of Science in Information Technology

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## EXPERIENCE, PROJECTS & ACTIVITIES

### Hackathon – Tosilah Project (KAU Move)

Feb 2025

- Selected among 1,500 applicants to participate.
- Developed a campus transportation tracking app prototype (bus & golf carts).
- Worked in a team to design features such as live tracking and student-focused experience.

### Siemens AutoThon Hackathon – 1st Place Winner

Aug 2025

- Developed an AI/IoT Dashboard to monitor industrial plant data across multiple factories.
- Designed workflow: PLC → CSV → Python → Dashboard with SMS alerts. Won 1st place in
- the national competition organized by Siemens.

### University Projects (Coursework)

Aug 2022 - Present

- Implemented Java Data Structures: BST, Stack, and Queue using Linked Lists & recursion.
- Developed Monopoly204 Game applying Stack & Queue with Linked List implementation.
- Built a 24-hour digital clock circuit using Multisim (74192 counters & 7447 BCD decoders). Completed Linux Labs:
- practiced shell commands (touch, cat, tee, grep, ps, jobs).

### Social Committee Member – King Abdulaziz University

Sep 2025 - Present

- Participated as an organizer in the university's National Day celebration event
- Developed teamwork, communication, and event-management skills through planning and coordinating activities.

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## CERTIFICATIONS

Java 101 (Beginner Level) – Tuwaiq Academy

Jul 2024

Siemens AutoThon Hackathon – 1st Place Certificate

Aug 2025

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## SKILLS

**Programming:** Python, Java

**Tools & IDEs:** PyCharm, NetBeans, VS Code, Multisim

**Technical:** Data Structures, File Handling, Linux Basics

**Soft Skills:** Teamwork, Problem Solving, Communication, Time Management