

Basant Awad Mohamed

Software Engineer (Undergraduate, 2022–2026)

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Software Engineering student with expertise in frontend (HTML/CSS/JS), Python, and databases. Active in leadership roles within university competitions and technical communities.

Education

Bachelor's in Software Engineering

Al Alamein University | 2022 – Present (Expected: 2026)

High School Diploma

Modern American School (MAS) | 2019 – 2022 | GPA: 3.4

Experience

Team Guide, AI Olympics & RoboFest | 2023

- Mentored *5+ student teams*, resolving ~15 technical issues and boosting task completion rates by ~40%.
- Organized sprint planning and led code review sessions to accelerate development flow.

Vice OC, Alamein ICPC Community | 2023–Present

- Launched and grew community to 50+ active members through online events and workshops.
- Mentored peers in Python and Java debugging—reduced average bug fix time by ~30%.
- Coordinated 3 contests, managing scheduling, promotion, and operations.

Logistics Lead, Center for Student Welfare (CSW), Alamein University | 2023–Present

- Planned and executed 7+ student events, managing resources and logistics budgets.
- Collaborated with PR teams—enhanced event attendance by 20% on average.

Skills

- **Programming:** Python, Java, JavaScript
- **Web Development:** HTML, CSS
- **Databases:** MySQL, MongoDB, JDBC
- **Tools:** Git, Agile/Scrum
- **Soft Skills:** Leadership, Team Collaboration, Communication, Adaptability, Problem-solving, Microsoft

Achievements

- Recipient, Inventor's Support Fund (2023)

Projects

ZelleXY E-Commerce Website – Responsive frontend built with HTML/CSS/JS.

Maze-Solving Car (Logic Design) – Designed a logic circuit for autonomous maze navigation.

Sustainability Goals Website – Created an interactive SDG-focused site with CSS animations.

D&M Software Engineering Project – Led architecture and documentation efforts.

Certifications

(Coursera – online)

- Algorithms & Theory (Princeton University, UC San Diego, UIUC) – 2023
 - Ethical Hacking Essentials (EC-Council) – 2023
 - Unix System Basics (Codio) – 2022
 - Agile Development & Scrum (IBM) – 2023
 - Software Design & Project Management (HKUST) – 2023
 - Engineering Practices for Quality Software (Minnesota) – 2023
 - Practical Python for AI Coding 2 (KAIST) – 2023
 - Introduction to AI (IBM) – 2023
 - Introduction to RDBMS (IBM) – 2022
 - Introduction to Databases (Meta) – 2022
 - Introduction to Web Development (UC Davis) – 2022
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Languages

- Arabic (Native, C2)
- English (Fluent, C1)