

Esmail Almekhlafi

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## Education

High School | 2022–2025

Zaid Bin Sahal Secondary School, Jeddah, Saudi Arabia

GPA: 98.7%

Standardized Tests

General Aptitude Test (GAT): 95%

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## Projects & Achievements

First National Virtual Robotics & AI Championship (STEM) – Team Leader & Lead Programmer

Led an 8-member team to 1<sup>st</sup> place nationally.

Developed multidisciplinary projects: Smart Farm, Doctor Assistant Robot, Autistic Friend Robot.

Launched the “Seeds of Goodness” tree-planting initiative.

Aden Local Robotics Competition – Smart Tank Project

Automated water management using Arduino and custom sensor systems.

Awarded the Excellence Award.

School Robotics Competition – Autonomous Robot

Designed using ultrasonic sensors.

Received the Creativity Award.

Third National Robotics & AI Championship – Ball Collection Challenge

Gained hands-on experience in robot design and troubleshooting under pressure.

## Courses & Certifications

AI & Machine Learning: AI Foundations | LinkedIn Learning (2025)

Programming & Development: Programming Foundations | LinkedIn Learning (2025)

Data Science: Data Analysis Career Essentials | Microsoft & LinkedIn (2025)

Electronics Engineering: Electronics Foundations: Semiconductor Devices | LinkedIn Learning (2025)

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## Skills

Technical Skills: Arduino programming, Robotics & Autonomous Systems, Sensor Integration, Circuit Design, AI Fundamentals, Data Analysis, Algorithms & Data Structures, Control Systems, Energy Management

Soft Skills: Team Leadership, Innovation, Problem-Solving, Project Management, Resilience, Adaptability

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## Volunteering

“Seeds of Goodness” Initiative

Participated in a tree-planting campaign at Aden Psychiatric Hospital.

Promoted green spaces and enhanced patient well-being.