

# NAWAF ALKHARFI

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## EDUCATION

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### Carnegie Mellon University in Qatar

Bachelor of Science in Computer Science

Expected 2030

### Qatar Academy Al Wakra

International Baccalaureate Diploma | 38/45 points

Class of 2026

## TECHNICAL PROJECT

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### Remote Controlled Car Design and Assembly

*IB MYP Personal Project*

- Modelled a 1965 Mustang-style body in Blender for a 1:10 scale RC car, matching its dimensions to an existing chassis design.
- Assembled 3D-printed parts with a motor, electronic speed controller, steering servo, radio receiver, lighting, and sound system to build a working car.
- Resolved modelling and assembly problems, including body alignment, print dimensions, and screw-hole fit; documented the design process and evaluated the finished product.

## WORK EXPERIENCE

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### Hamad Bin Khalifa University

*School Work Experience Student*

- Attended talks and learned how to use library resources to support research.
- Helped with event organization and received a certificate recognizing this contribution.

## AWARDS AND ACTIVITIES

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### World Mathematics Team Championship

Grade 11

- Represented Qatar at the championship held at Qatar National Convention Centre and received an individual Merit Award.

### Pi Day Math Jeopardy Competition

2023

- Won first place as part of a three-person team at Qatar Leadership Academy.

### School Volleyball Team

Grades 10-12

- Represented Qatar Academy Al Wakra; achieved two first-place finishes in Qatar Foundation Schools Sports Association competitions.
- Earned second place at QUESS and the Sportology International Championship, plus two first-place finishes in Qatar Foundation National Sport Day volleyball tournaments.

## SKILLS AND LANGUAGES

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**Technical:** Blender 3D modelling and RC car assembly (project experience); Python fundamentals (coursework in progress).

**Languages:** Arabic (native); English (fluent), IELTS overall 8.0/9.0.