



SULTAN AL FARHAN

A-Level Student | Engineering & Applied Mathematics Aspirant

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EDUCATION

Nord Anglia School Dubai, UAE

A-Levels (Ongoing)

Subjects: Mathematics,
Further Mathematics,
Physics,
Economics,
EPQ Research

IGCSE Results

- Mathematics – 9
- Further Mathematics – 8
- Sciences – 9-9
- Economics – 9
- English Language – 9
- English Literature – 9
- Arabic – 9
- Design Technology – 8
- Geography – B

KEY SKILLS

- Advanced Mathematics & Quantitative Reasoning
- Engineering Design & Sustainability
- Research & Data Analysis
- Leadership & Team Management
- Academic Writing & Debate

STUDENT PROFILE

High-performing A-Level student with a strong academic record in Mathematics, Further Mathematics, Physics, and Economics, complemented by leadership experience, international research exposure, and hands-on engineering projects. Demonstrates intellectual curiosity, quantitative rigor, and a consistent commitment to service, innovation, and teamwork. Aspires to pursue engineering, applied sciences, or business-technology programs at a top global university.

WORK & LEADERSHIP EXPERIENCE

Sailing Team Captain — Culver Military Academy, Indiana (Summer 2023–Summer 2024)

- Led the sailing team across 10 competitive events, achieving a 100% increase in race wins.
- Demonstrated disciplined leadership, performance planning, and team motivation in a competitive military-academy environment.
- Won the naval Cryptography award at Culver both summers

NAS Newspaper Society — Leader | Nord Anglia School Dubai, UAE (Sep '25 – Ongoing)

- Led production of an A-Level student newsletter covering Economics and interdisciplinary topics.
- Coordinated editorial planning, writing, and student contributions.

Model United Nations Delegate — EXPO 2020, Dubai, UAE (September 2021 – July 2022)

- Participated in structured debates on sustainability and green-product adoption.
- Advocated environmentally responsible policy perspectives in an international forum.

ACADEMIC DISTINCTIONS & EXTRA CURRICULAR

- American Math Competition AMC 12 scored 105, qualified for AIME
- Duke of Edinburgh Gold Award Recipient (September 2025 – Ongoing)
- UKMT Intermediate Math Challenge (January 2025)
- British Physics Olympiad 2026 (Silver Certificate)
- Challenge Me Math Championship, Qualified for Finals (April 2026) (Won First place amongst Year 12 in the Middle East for Semi-Finals)
- Dubai Math Super League, Team Member (Dec 2023, Dec 2025, Jan 2026), Competed against Year 13 students; placed 10th out of 33 teams.
- Fermat Exam Score 118 Certificate of Distinction and distinction (February, 2026)
- Hypatia Exam with certificate of distinction (April, 2026)
- Year 12 Nord Anglia International School Dubai Best Student Physics Award

VOLUNTEERING & COMMUNITY ENGAGEMENT

Math Tutor (Volunteer) — Nord Anglia School Dubai, UAE (Sep 2025 – Ongoing)

Provide weekly mathematics tutoring to Year 11 students, supporting academic improvement and exam readiness.

Volunteer — The Whitefield Charity, London, UK (June 2024)

- Contributed to community welfare initiatives through the organized distribution of donated food to vulnerable individuals at Lincoln's Inn, Holborn.

- Community Engagement & Service

- Coordinated logistics involving donations from Waitrose, Sainsbury's, and Tesco.

Emirates Nature World Wildlife Fund Leader of Change Member (April,2026)

Volunteered in conducting litter survey and removing waste to support cleaner environment and role in conservation and healthier ecosystem preserving the valley natural beauty.

Organized Table Tennis tournament at NAS Dubai (April,2026)

Fundraised at school and proceeds will go to charity of children in Uganda.

RESEARCH & ACADEMIC PROGRAMS

Research Publication — National High School Journal of Science (NHSJS) (July – December 2025)

- Completed a quantitative research paper on sustainable fishing under Cambridge Professor Dr. David Willer. Paper currently under review for publication.
- Earned 3 university credits from the University of California San Diego
<https://nhsjs.com/2026/to-what-extent-is-it-possible-to-balance-economic-factors-and-sustainability-in-the-fishing-industry/>

Cambridge Centre for International Research

Research with Dr. Barbra Maciejewski from University of Oxford.

Cornell University — Pre-College Summer Program (August 2025)

AEM 1200: Introduction to Business, Final Grade: A

Babson College-High School Summer Study Program (July 2026)

EPS 1110: Introduction to the Entrepreneurial Experience, Final Grade: A

Wharton Global Youth High School Learning Sprint (January 2026)

- Attended Insights into Modern Finance and Private Equity at Dubai in January 2026

Imperial College London — Global Summer Engineering Program (August 2025)

- Participated in advanced engineering coursework with emphasis on applied innovation.

ENGINEERING & INNOVATION EXPERIENCE

Custom Table-Tennis Table Project (October 2025 – Ongoing)

- Designed and built a functional custom table-tennis setup as part of hands-on engineering work from recycled material.

Engineering Internship Project (December 2025)

- Collaborating with Ducon Industries, Carboclave (Canada), and the University of Hong Kong
- Contributing to development of the first cement-free construction block made from recycled materials.

Kinetic-Energy Backpack Project (September 2025)

- Designed a prototype backpack that converts kinetic energy into electrical power.
- Capable of powering a flashlight and charging a mobile device during hiking or travel.
- Presented in Dubai Science and Econ Fair 2026, won first place.
- Presented at Imperial College London 2026 at London International Youth Science Forum Science Bazaar.

Aviation Rocket Competition.

REFERENCES CAN BE PROVIDED UPON REQUEST

