Sultan Al-Farhan

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Academic Achievements

- American Math Competition AMC 12: Score of 105, qualified for AIME (Jan 2026)
- Duke of Edinburgh Gold Award (Sep 2026)
- UKMT Senior Math Challenge Gold Award: Score 100 (Oct 2026)
- British Physics Olympiad Silver Certificate (May 2026)
- Challenge Me Math Championship First Place Semi finals,Year 12 Students (Apr 2026)
- Hypatia Contest Certificate of Distinction (Apr 2026)
- Team Member, Dubai Math Super League Year 12 (Dec 23,25,26)
  Competed against teams with students in Year 13; placed 10th out of 33 teams.
- Fermat Contest: Score of 118, Certificate of Distinction and Medal (Feb 2026)
- Nord Anglia International School Dubai: Year 12 Best Student in A-level Physics Award (Jun 2026)
- Nord Anglia International School Dubai: Engineering Excellence Award (June 2026)

Research and Courses

- Publication: National High School Journal of Science (NHSJS) (Jul – Dec 2025)
  - Quantitative research paper on sustainable fishing with co-author and Cambridge University fellow
  - Dr. David Willer
- Cambridge Center for International Research: research and lab work with Dr. Barbara Maciejewska from the University of Oxford on Recycled Concrete and carbonation. (Aug 2026)
- Cornell University Pre-College Summer Program: Introduction to Business (Aug 2025)
- Babson College: High School Summer Study Program: Introduction to the Entrepreneurial Experience (Jul 2026)
- Wharton Global Youth High School Learning Sprint (Jan 2026)
- Imperial College London: Global Summer Engineering Program (Aug 2025)
- Coursera Imperial College: MultiVariable Calculus 3 (Oct 2026)

Engineering Projects

- Kinetic-Energy Backpack Project (Sep 25- Mar 25)
  Designed a prototype backpack that uses solar power and converts kinetic energy into electrical energy.
- Dubai Science and Econ Fair: Presenter and First-prize winner Kinetic-Energy Backpack (Jun 2026)
- London International Youth Science Forum Science Bazaar, Imperial College Presented. (Jul 2026)
- Internship Project in collaboration Ducon Industries, Carboclave (Canada), and the University of Hong Kong. (Dec 2025)
  Contributed to the development of first virgin cement-free construction block made from recycled materials.
- Design and construction of Ping-Pong Table from 100% recycled carbonized concrete (Oct 25- Aug 26)
- Invited to Emirates Aviation Rocket Competition: Selected Participant (Feb 2026)

Leadership

- Nord Anglia School Newspaper Society:
- Editor-in-Chief (Sep 2025 – 2027)
  - Led the 6th form student newsletter covering community, economics, and STEM news
- Culver Military Academy, Indiana (2023–2024)

- Model United Nations Delegate, EXPO 2020 Dubai
  - Engaged in structured debates on sustainability and green-product adoption. (Sep - Jul 2022)

Volunteering

- Nord Anglia School Math Tutor (Sep 2025 – Ongoing)
  - tutored IGCSE topics to Year 11 students
- Nabth Al Emarat (May 2026)
  - Helped organize a marathon, bazaar, and Iftar for construction workers
- Emirates Nature World Wildlife Fund (Apr 2026)
  - Leader of Change Member, participated in modules on waste removal and tree reforestation in Fujairah

Skills: CAD Design

Languages: Arabic, English

Hobbies:
Golf, Chess, Sailing and BeeKeeping