

JUNAID YUSUF

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EDUCATION

CARNEGIE MELLON UNIVERSITY, QATAR

BS in Computer Science
Class of 2029

SAFA COMMUNITY SCHOOL, DUBAI

GCSEs, A-Levels
Class of 2025

QUALIFICATIONS

SAT

Digital SAT: 1580/1600 (August 2024)

• Maths - 800/800 • Reading & Writing - 780/800

A LEVELS

- Mathematics (A*)
- Further Mathematics (A)
- Computer Science (A)
- Arabic (B)
- Physics (B)
- Extended Project (A*)

GCSES/IGCSES (9-1)

- Mathematics - 9
- History - 9
- Further Maths - 9
- Geography - 9
- Physics - 9
- Computer Science - 9
- Chemistry - 9
- Business - 9
- Biology - 9
- Arabic B - 9
- English Language - 9
- Statistics - 9
- English Literature - 9

IELTS

IELTS Academic: 8.5/9.0 (November 2024)

- Listening - 9.0/9.0
- Reading - 9.0/9.0
- Writing - 8.5/9.0
- Speaking - 8.5/9.0

PROGRAMMING

Python proficiency

PUBLICATIONS

- [Dissertation](#): *Should the Global Community Focus on Saving Our Planet or Terraforming Another?*
- [Dissertation](#): *To what extent should cultivated meat be considered a reasonable approach to feeding the world in the foreseeable future?*

LANGUAGES

- English
- Urdu
- Arabic
- Mandarin (Limited Proficiency)

WORK EXPERIENCE

SIEMENS LOGISTICS, DUBAI

June 2024

Interned in Digital Department: managed software handling cargo & baggage at DXB airport, installed secondary backup. Received on machine-learning incorporations, ISO standards

PROGRAMMING PROJECTS

A-LEVEL DECISION MATHEMATICS LEARNING AID

June 2024 - Present

Programming an interactive learning aid with Python for Decision module of A-Level Further Maths. Solutions with step-by-step working generated for questions inputted through interactive GUI; includes Kruskal's MST, Prim's, Dijkstra's, Nearest Neighbours, Travelling Salesman, Bin-Packing.

[GitHub \(Project Code\)](#) | [Project Documentation](#)

AWARDS

- Outstanding Pearson Learner Award** - Highest Mark in the World in Advanced Subsidiary (AS) Mathematics
- World Scholars Cup** - 9 gold, 2 silver medals in final Tournament of Champions at Yale; 19th debater in world, 30th team globally (2nd Middle East) from 2,500+ delegates
- UKMT Golds** - In Junior, Intermediate, Senior Divisions
- Diplomathon MUN** - Best delegate in UNSC
- Sheikh Zayed award** for leadership
- STEAMathalon 1st** - Winning team of selected students from UAE schools tasked with programming image-recognition drone using AI to collect marine trash
- ABT Arabic Speaking 7th** - From 350+ schools across the world, each nominating best non-native speaker
- Pearson High Achievers Excellence Award** for GCSEs
- Dubai Maths Super League 3rd** - Out of 80+ school teams
- Repton Academic Olympiad Math 1st** from UAE schools

ACTIVITIES

- World Scholars Cup** - Delegate for 2 seasons in regional & global rounds. Mentored new cohort of scholars and volunteered as debate judge at regional
- Cricket** - Played at national level in U19 ECB national academy league; for school in DASSA (U15,17,19), Dubai 7s.
- MUN** - Led school's 1st internal & external MUN hosting
- Extended Project Qualification** - Authored 7,000 word dissertation on climate change & terraformation for EPQ
- STEM Leader** - Promoted within school community