

IYAAD AMSYAR SYAHRIZAL

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Personal Statement

From a young age, I was fascinated by the world of coding, first inspired by the platform Scratch. This early interest propelled me toward a career in the computing field, aiming to deepen my understanding and connect with like-minded individuals.

To enhance my knowledge, I enrolled into the CS50x course from Harvard University, participating in all the lectures, allowing me to be proficient in languages such as C and Python, and single handedly developed projects like a chess game with basic AI using C#. I explored algorithms, appreciating their situational efficiency, and delved into Artificial Intelligence through literature, notably 'Artificial Intelligence; A Guide to Intelligent Systems' by Negnevitsky. This journey revealed the vast potential of AI in our future.

Skills and Achievements

- In-depth knowledge of AI fundamentals, including fuzzy logic and neural networks
- Proficient in C, Python, and C#
- Developed AI-based and algorithmic projects
- Experienced in teaching and mentoring in tech and academic settings
- Web development experience (e.g., internal school site for Teaching & Learning Committee)
- Leadership and communication skills demonstrated through teaching, coaching, and moderating online communities

Education

Currently in 2nd Year in Software Engineering (Hons) at Swansea University

A Level (Predicted Grades)

- Computer Science: A*
- Mathematics: B
- Physics: B

A Level (Attained Grades)

- Computer Science: B
- Mathematics: C
- Physics: D

AS Level Courses

- Computer Science: A
- Mathematics: B
- Physics: B

GCSEs / IGCSEs

- First Language English: A
- World Literature: B
- Computer Science: 8
- Physics: 8
- Chemistry: 7
- Mathematics: 7
- Biology: 6
- French: 7
- History: 5
- Business: 4

Extracurricular Activities

Community Involvement

- Active member of Supporters of Gaza: led sales campaigns and food box deliveries during Ramadan
- Assistant teacher for Islamic classes at Al Bayaan Institute, Muscat

School Clubs & Sports

- Assistant teacher in coding and chess clubs: mentored peers, organized tournaments
- Designed a website for the school's Teaching and Learning Committee
- Football Team Member: Winners of the FSSL League Cup and Al Habsi Cup
- Volleyball Team Member: Runner-up at inter-school Muscat Tournament
- Badminton Coach: Coached players who later competed in inter-school tournaments

Online Leadership

- Moderator of multiple Discord servers with 2,000+ members, maintaining order and engagement