

Zoya Muhammad Anwar
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Pakistani-Canadian national | UAE Golden Visa holder

EDUCATION

American University of Sharjah (AUS) <i>Bachelor of Science in Computer Science</i> <ul style="list-style-type: none">● CGPA: 3.67 / 4.0● Honors: 4x Dean's List Scholarship, 2x Chancellor's List Scholarship, Academic Distinction Scholarship● Chancellor's List Bronze and Silver Medal	Sharjah, UAE Expected 2026
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WORK EXPERIENCE

Writing Center Tutor AUS Writing Center (WC) <ul style="list-style-type: none">● Provide one-on-one assistance with various aspects of writing● Class presenter and library workshop host● Interviewed WC directors and staff at country-wide institutions as part of WC-centered research	Sharjah, UAE 2024–Present
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Teaching Assistant College of Engineering <ul style="list-style-type: none">● Assisted students in understanding and troubleshooting data structures and algorithms in a 300-level Computer Science lab● Developed and evaluated assignments for a 200-level Assembly-based Computer Engineering course	Sharjah, UAE 2024–Present
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Peer Leader Student Leadership Program <ul style="list-style-type: none">● Guided a group of first-year university students through their orientation week and first year	Sharjah, UAE Aug 2024
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Freelance Generative Artist Computer-generated generative artwork with JavaScript programming <ul style="list-style-type: none">● Sold 700+ editions of 25 designs in first year● Used Processing-based library to visualize mathematical models	Dubai, UAE 2022-2023
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Audit Preparation Team Member Al Dar Eastern Trading L.L.C. <ul style="list-style-type: none">● Prepared business for a comprehensive audit by gathering and organizing all requisite documentation for compliance and readiness	Dubai, UAE December 2023
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VOLUNTEER AND LEADERSHIP EXPERIENCE

Board Member Open-Source Club <ul style="list-style-type: none">● Planned and hosted events including workshops on technical concepts, like backend development and creative coding, and a university-wide programming competition● Collaborated with external organizations for events	Sharjah, UAE 2023-Present
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Community Service Volunteer Office of Student Affairs <ul style="list-style-type: none">● Created packages for distribution to workers during Ramadan	Sharjah, UAE March 2024
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International Exchange Student Guide The Steven's Initiative <ul style="list-style-type: none">● Worked synchronously and asynchronously with international students in virtual exchange program● Interviewed sustainable city project managers in Dubai● Guided international visitors during stay and COP28 visit	Sharjah, UAE Sep - Dec 2023
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Green Living Learning Community (GLLC) Climate Ambassador

AUS Student Residential Life Department (SRLD)

Sharjah, UAE

Sep - Dec 2023

- Participated in activities by field experts in sustainability
- Presented research to sustainability experts and university administration

PROJECTS

Dataset Classification**Sep - Dec 2023**

Python

- Created numerical and graphical summaries of provided datasets using Matplotlib and Seaborn
- Conducted data normalization, splitting and classification using scikit-learn, NumPy and pandas

Virtual Reality (VR) Gaming Application**Dec 2019 - Jan 2020**

C#

- Designed, developed and deployed a gaming application for Oculus 2 using Oculus SDK for the Unity game engine
- Translated gyroscopic movements into responsive code that captures and reflects user movements in the VR application
- Implemented error-handling mechanisms to maintain performance stability during complex motion tracking processes

PC Gaming Application**November 2019**

C#

- Designed, developed and deployed a gaming application for PCs using the Unity game engine
- Leveraged both 2D and 3D mechanisms for UI and gameplay, respectively

ACHIEVEMENTS

AUS First-Year Reader**Sharjah, UAE**

Academic critique published as student sample

December 2023

AUS School Computing Competition**Dubai, UAE**

First place in Track 3: Mobile App Development

February 2022

- Designed, developed and built a mobile gaming application in C# using Unity game engine
- Incorporated principles of sustainable development to educate primary school students
- Studied impact of the application on primary school childrens' understanding

TECHNICAL SKILLS

JavaScript

SQL

Logisim

Python

Java

Cisco Packet Tracer

C++

MATLAB

Adobe Suite

C#

Oracle

G Suite

R

Eclipse

Microsoft Suite

x86 Assembly

Apache Netbeans

LANGUAGES

English - Fluent

Urdu - Fluent

French - Elementary proficiency