

Shaikh Farzan

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University of Karachi (UBIT)

Jan 2018 - Jan 2022

BSc Computer Science

Relevant Courses: Object Oriented Programming, Data Structures, Artificial Intelligence, Assembly Language Programming, Natural Language Processing.

The City School (A levels)

June 2017

Pre-engineering – 2 B's, 1 C

The City School (O levels)

June 2015

Pre-engineering – 2 A*, 4 A's, 3 B's

PROFESSIONAL EXPERIENCE

Darul Solutions (Software Company) – Game Developer - June 2022 – Present

- Building multiple web-based 3D product configurators and simulators for ecommerce websites, revolutionizing online shopping experience around the globe.
- Created an entirely new interior and exterior architectural designing web application for our client's customers.
- Developing Virtual Reality & Augmented Reality support for web configurators using PlayCanvas game engine.
- Developed VR based multi-player training simulation applications using unreal engine 4.27. This was created specifically for emergency training, allowing users to examine the impacted area in depth while interacting with the prevailing vehicles and impacted individuals.
- Built a single-player NetBall game for VR headsets with unreal engine 4.27. This let users to view the various detailed models of the shoes they may wear in addition to grabbing the ball and putting it in the basket to score points.
- Designed a VR based training application with a variety of exercises for kids with disabilities, leveraging the hand tracking plugin for Unreal Engine 5.4.

Koderspedia – Web Development Strategist - Apr 2021 - Jul 2021

- Authored articles and other content for websites.
- Designed technical documents to assist contacting agents in detailing the development flow for the client's desired products.
- Researched on current costs for pay-per-click (PPC) marketing campaigns on Facebook and Instagram.

Affiniti – Software Testing Intern - June - 2020 – Sep 2020

- Conducted around **100 calls** daily to check for bugs in the underdeveloped calling software.
- Incorporated automation to expedite the process by filling up certain information.
- Reported bugs on Google Forms for the development team.

Sheikh's Academy – Tutor - Dec 2017 – Apr 2020

- Prepared students for their yearly O-Level exams in Mathematics, Physics, and Computer Science.

PROJECTS

- Research project on “**Feature Engineering for landslide prediction using remote sensing techniques**”
- Developed personal portfolio for web-based 3D configurators.

EXTERNAL COURSES

- R Programming Language (Udemy) Python (Udemy) Data Science (Saylani) Computer hardware (Saylani)
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- Data Science (Saylani)
- Computer hardware (Saylani)

INTERESTS & SKILLS

- **Interest:** E-Sports, Basketball, Football, Health & Fitness, Interior Designing, Image Processing, AI, Data Science
- **Skills:** Python, JavaScript, Visual Scripting (Blueprinting), Research, Video Editing, Blender