Shuaib Dorani

Undergraduate Software Engineer

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Career Objective

I'm a highly motivated developer nearing the completion of my degree looking at providing my knowledge and experience using 3D graphics and front-end development to your business.

University & Personal Projects

Knee Rehabilitation Sensor - Raspberry Pi, Javascript, SQL

- As a group of 3 we designed and implemented an IOT device to gather data on knee movement
- I worked on programming the device using the Node-Red flow interface with Javascript and SQLite
- Created a dashboard for the data from the accelerometers, gyroscopes and thermometer for monitoring of professionals

UDP Server Client Chat - SDLNET, C++

- I had to create a server client chat for a game of Tic Tac Toe using the SDLNET library written in C++
- Successfully built an app that could host games of Tic Tac Toe where 2 players and unlimited number of specators could chat and take part
- Developed a solution so that the main Server was hosting the game and players were sent out game and chat data

Tutor Hiring Web App   - Vue Js, Bootstrap, Axios

- Tasked with creating an interactive web application using animations
- Utilised UI/UX techniques to build and run a website that looked both cutting edge and marketable
- Implemented search functionality to filter tutor through JSON database
- Implemented

Modernised Frogger 2D Game   - Unity Engine, C#

- Developed a modern rendition of classic arcade game frogger
- Implemented optimised collision detection and physics for character and NPCs (Non Playable Characters)
- Designed game with RPG influence accompanied with captivating sound design

Education

Torrens University Australia Media Design School

June 2019 - Present // Ultimo, NSW

Bachelor of Software Engineering (Game Programming)

Technical Skills

C++	HTML	OpenGL
C#	CSS	SQL
Unity	Javascript	SDL Net
Cuda	Vue Js	Node Js
Git	Bootstrap	Marvel App

Other Skills

Bilingual - English and Dari

Employment History

Sales Team Member @ Myer

August 2016 - Present // Blacktown, NSW

- Communication with customers and colleagues
- Auditing store inventory and investigating theft
- Monitoring store KPI's and providing insight into areas of improvement

Junior Warehouse Assitant   @ Mulford Plastics

January 2016 - June 2016 // Glendenning, NSW

- Forklift operator as well as pick-packer
- Organising logistics for delivery of warehouse stock
- Worked with small team during heavy storm season in Canberra to provide roofing for damaged property

Interests

Wrestling, Brazilian Jiu Jitsu, Muay Thai, Boxing