

Mousa Aljasem

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PERSONAL STATEMENT

As a motivated, adaptable, and fast-learning computer science student, I am actively seeking opportunities to leverage my expertise, communication and collaborative teamworking skills. My journey through this field has equipped me with a methodical work approach and an unwavering drive to successfully tackle any given task. I am eager to contribute my skills and enthusiasm to drive innovation and excellence in this dynamic industry.

EDUCATION

University of Salford	2023
<i>Bachelor of Science in Computer Science</i>	<i>2:1</i>
Thomas Rotherham College	2015
<i>Subsidiary Diploma in IT</i>	<i>Distinction</i>

EXPERIENCE

Osborne Technologies <i>Software Developer</i>	2015 - 2018
<ul style="list-style-type: none">Used C#, .NET, SQL, PHP, HTML/CSSWorked to create many high-quality in-house tools to increase efficiencyCollaborated on big projects to implement efficient and scalable codeMaintained legacy code by troubleshooting through various testing protocols, and implemented fixes for them	

SKILLS

Languages: C# .NET, Java, SQL, JavaScript and jQuery, HTML/CSS, C/C++, Kotlin, Swift, Python, PHP
Tools: Git, Bash, Node.js, VS Code, Visual Studio, JetBrains (IntelliJ, PhpStorm, PyCharm), Eclipse, Figma
Frameworks: OpenGL, Flask, Bootstrap, OpenSceneGraph, MVC

PROJECTS

- REDocelot** | *PHP, HTML/CSS, Javascript, JQuery, Chart.JS, Prism.JS, AJAX, AdobeXD, SCRUM*
- Led our team as the Scrum Master to build a full-stack web application to the specifications of the customer
 - Worked with the customer to clarify requirements and deadlines, and using this time to show the project's state and if the customer was ready to move forward or had other ideas
 - Product allows directory traversal of a codebase, accessed through an API which also provides data about the file
 - Used Javascript and JQuery to access the API, retrieve the data and filter it to make it suitable for use. Used Chart.JS to display the data in a readable format and Prism.JS to display formatted code
- SQL Query Creator** | *C#, .NET WPF, .NET WinForms, SQL, MVC*
- Designed and developed a tool that allows quick creation of SQL queries for non-programmers
 - Allowed selection of different usages e.g. Find, Edit, Delete. Each contains finer controls to allow precise queries
 - Allowed sorting and filtering of data
 - Adherence to the MVC (Model View Controller) architecture
- Moon Lander** | *Kotlin, Android Studio, MVC*
- Created a prototype of the moon lander game from scratch in Android Studio
 - Calculated advanced mathematics for calculating collisions, as well as gravity and velocity
 - Created randomly generated terrain that collides with the player character
 - Implemented sound effects and visual cues
 - Prototyped a scoring mechanism to track high scores