Working on various projects, both at University and in my own time has given me a broad base of skills. This has also given me a good understanding of various software development concepts and design styles.

I have spent 2 semesters of University focusing on the Java language, learning concepts like OOP, Threads and User Interfaces.

I have gained most of my experience in C# working in Unity 3D, as C# is the main scripting language of Unity 3D.

Since high school I have been working with HTML and CSS. I have recently focused heavily on it completing a Web Development paper at University.

During the Web Development paper at University we focused heavily on JavaScript together with XML and AJAX, developing dynamic webpages.

I have utilized PHP for backend processing in various projects both at University and on my own. Using Database connections, data processing and dynamic updating of pages.

I have gained interest in Unity 3D developing my own mobile game “Triangle” as well as a few other Mobile applications including the game “Stealing Steve” which I helped develop as part of a group of 4 people.

I have developed skills in SQL (MySql and PostgreSQL) during a semester long Database paper at university together with integrating databases into 3 separate web applications.

Since Year 11, I have had an interest in Photoshop. I often find myself using Photoshop to design custom visuals and make changes to images to be used in various scenarios.

Below are some of the projects I have been working on recently both in my own time and at University. Most of my projects have been solely completed by me, with a few being done in a group environment. These projects have improved my skills and allowed me to experience software development in a more “commercial” environment.

A simple mobile game, where a player pops the triangles and avoids the bombs to gain the highest score despite the accelerating speed of the game. Developed in Unity 3D.

Part of a Web Development assignment where we were tasked to develop a dynamic Taxi Booking system using technologies like AJAX and XML.

A University Web Development Assignment where we had to design a Status Posting System, using a PHP back-end connected to an SQL Database.

Feel free to contact me via Email at any time if you have any Questions or Queries and I will get back to you as soon as possible.

Triangle was a personal project that I took on over the summer holidays of 2017 to help further my knowledge in Unity 3D. Through this project I gained skills in basic game animation, C# coding language as well as Game Scripting and Timing. So far I have exported the Game to Android and have it running on my mobile device. I found this project to be enjoyable as it was one of my first ‘Professional’ feeling projects.

Triangle also helped me form some base knowledge on Git and version control as I made commits throughout development of the outcome.

As part of a Web Development Assignment we had to create a taxi booking system that would update dynamically using AJAX (Asynchronous JavaScript and Xml). This booking system had to be complete with both a booking page as well as an admin page for viewing all the upcoming bookings. To make a booking a user had to enter all relevant information (Name, Address, Phone, etc.) which then would get added to a SQL database via a PHP back-end. The system would also give the user a confirmation of booking together with a unique booking reference number.

During this assignment I extended my skills in HTML/CSS and PHP together with learning new skills such as AJAX and the Bootstrap CSS framework, making the design of the site pain free.

One of my earlier Web Development assignments was to develop a basic Status Posting System. This required the user to be able to enter a status together with a status code, this info would then get place in a SQL database via a PHP back-end. The Status could then be searched by the status text entered by the user, at which point it will return all relevant information.

This assignment gave me good knowledge of forms and form validation in HTML as well as skills on PHP back-end processing.