**Ronan Lewsley**

**Career Objective**

As a determined and inquisitive learner, I am particularly interested in developing my knowledge of computer programming, and respective concepts. My innate problem-solving skills will lend well to my career choice in software engineering,

**Education**

**BSc Hons in Computing Science - Ulster University Jordanstown**

|  |  |
| --- | --- |
| **Year 1 Modules** | **Mark (%)** |
| Database Systems | 69 |
| Programming 1 | 71 |
| Programming 2 | 75 |
| Interactive Web Authoring | 47 |
| Systems Software | 67 |
| Computer Technology | 63 |
| **Average:** | 66 |
| **Year 2 Modules** | **Mark (%)** |
| Computer Networks | 77 |
| Algorithms & Data Structures | 67 |
| Maths for Computing | 78 |
| **Average:** | 74 |

**Access Foundation Diploma in Maths with Computing – Belfast Metropolitan College**

* 80% Achieved (AAA A-Level equivalence).

**GCSE – Rathmore Grammar School**

* 9 GCSEs with Grades A – C including Maths & English.

**IT Skills Profile**

At the early age of 15 my interest in tech and computing motivated me to build my first Gaming PC. I have experience in using operating systems including Windows, Android, IOS and Linux in the form of Raspbian on a Raspberry Pi. I have developed programming skills in, Python, Java, CSS, HTML, Php and JavaScript (jQuery). In applying these languages, I have become familiar with IDEs such as PyCharm, IntelliJ, NetBeans and WebStorm. In applying theory to practice I have demonstrated my aptitude for problem solving throughout my Python and Java programming projects where I coded solutions to a theoretical problem for a business or organisation. I continue to develop and display both excellent teams working and communication skills at Curry’s PC World where I am employed as a sales assistant. I am a hard worker who understands the importance of teamwork in contributing to team targets. I continue to develop my communication skills and appreciate that communication is vital to both sales production and customer satisfaction.

**Work Experience**

**Allstate Week Placement – 11th January 2016 - 15th January 2016**

* My initiation into Allstate was an introduction to two main development methods, Agile and Waterfall. Within the Waterfall development team, I furthered my understanding of the planning process involved in the development life-cycle.
* Furthermore, I formulated foundations for various other skills such as project and resource management during my experience of the waterfall development with Project Leaders and Software Architects.
* Later in the week I worked with the mobile development team. I analysed the lifecycle of an app, from planning to a live finished product (connected car). During this analysis I began notice possible vulnerabilities in accuracy of user input with the app.
* Whilst integrating within the team I began establishing an understanding of best practice to compensate for such vulnerabilities with astute programming and well-developed planning.
* Allstate’s Compozed team was my first exposure to the Agile development method. At first, I couldn’t see the value in working pairs as differences in programming styles could cause confusion.
* However, through further research and shadowing opportunities I grasped that the increased productivity of two minds working in tandem outweighed any drawbacks from varying programming styles.

**Olenick Work Placement – 24th May 2019 - 28th May 2019**

* At Olenick we conducted (software) accessibility testing on updated Gov.uk pages for users with disabilities alongside current members of Olenick.
* As our project was based in Chicago at the Olenick HQ, we partnered with employees from the US using resources such as video conferencing allowing me to enhance my knowledge of multicultural working.
* The testing portion of the project took place over two main sessions. Our first session involved testing the updated pages for users with learning difficulties.
* Useful feedback was acquired into site accessibility for users who struggle to digest larger chunks of information. Our results revealed some small bugs that we recorded to passed back to the team in Chicago.
* Our second session involved testing accessibility aspects for the visually impaired. This session I found both eye-opening and very informative. This was my first in-depth encounter with text-to-speech software when used to navigate a website.
* Several issues raised, such as key navigation points in functionality not being read aloud to the user. Once documented these were passed over to the Chicago Team.

**Other Work Experience**

**Curry’s PC World – 15th September 2019 - Current**

**Sales Advisor**

* Experience gained in tailoring products to specific customer needs in order to maximise capitalisation and boost sales revenue for the business.
* My role here has proved instrumental in progressing my communication and interpersonal skills. We begin by leading our customer through a brief fact-find to allow us to gain insight into their requirements from their new piece of tech.
* During this fact-find we remain alert to any information the customer gives us as it may prove useful when recommending additional services such as our Repair & Support Plan or Home Installation Service later in the sale.
* We constantly strive to improve this process to optimize customer satisfaction. In consequence boosting sales by increasing likeliness of customers returning.