**Seán McElroy**

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**Profile:**

I am recent Graduate in Business Computing at TUD, receiving a First-Class Honours Degree. I have a keen interest in object-oriented programming. I am looking for a start in an exciting career in software development where I can add real value to the business.

**Education:**

1. **– 2020 Technology University Dublin**

[Bachelor of Science (Hons) Business Computing](http://www.dit.ie/studyatdit/undergraduate/programmescourses/allcourses/businesscomputingdt354.html.)

First class honours degree. Modules included:

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| --- | --- | --- | --- |
| **Year 1** | **Year 2** | **Year 3** | **Year 4** |
| Object orientated Software development.  Statistics.  Financial Accounting.  Multimedia.  Marketing.  Management principles.  Quantitative Methods.  Problem Solving and Design.  Languages:  Java, HTML, CSS | Algorithms and Data Structures.  Object Orientated. software Development.  Databases.  Finance.  Inferential statistics.  Management accounting.  Organisational behaviour.  Supply chain Management.  Languages:  Java, C | Business Modelling.  Dynamic Programming.  Web development.  Enterprise Database Systems.  Project Management  Internship:  MyComplianceOffice - Business Analyst Intern.  Languages:  Java, Python | Distributed Systems.  Mobile Application Development.  Software Patterns.  Strategic Management.  Software Quality Assurance.  FYP.  Languages:  Java, Javascript, SQL, CSS, HTML |

**2010-2016 St Peters College Dunboyne**

Leaving Cert: 425 points

**Skills:**

* Programming languages: Java, JavaScript, Python, HTML, CSS, SQL, C (introductory level)
* Video editing packages: Adobe premiere pro.
* I have strong presentation skills, which have improved from my video editing and podcasting experience.
* Working in groups, for projects in college and during my internship have enhanced my communication skills and ability to work in teams.

**Projects:**

**MyMedicineManager – Final Year Project**

This was an application available on both android and as a web app.

The application was developed to improve the current experience getting prescription medication.

The app allowed a patient to take a photo of their prescription and send it to a pharmacy of their choice. This pharmacy could then prepare the medication and update the status so the patient is able follow the status of their prescription and once the prescription was ready for pickup the patient would get a text notification. In addition to the technology stack given below, during my project I made use of: Scrum, Javasript, Maven, Github, android studio, Firebase, Google Maps and Twilio.

**MyMedicineManager Technology stack**

* Pharmacy webapp-React JS
* Patient mobile app- Android Java
* Shared backend API- spring boot
* Database- mySQL

**Friend manager**

I made this application in java for Android.

It allows user to store the names and numbers of friends in a list stored in an SQLite database.

Users can add new friends, find friends by searching their name or number and view all friends in a recyclerview.

**Website group project**

Using Html, our group made a mock website for the Irish rugby team. We presented the website to the class. The site had multiple pages including a homepage, shop, fixtures pages for men’s/women’s/under 21’s matches a news page and an about us page. The pages had images, GIFS and videos as well tables and interactive buttons and menus.

**Work Experience:**

**Jan 2019-July 2019 – MyComplianceOffice - Business Analyst Intern**

Duties included:

* Project management using Scrum
* Product ownership.
* I was product owner of a number of projects working with teams in an agile environment.

**July 2015 - Department of Agriculture - Video production**

I edited raw video footage to create a final video used to train veterinary surgeons to diagnose foot and mouth disease using adobe premiere pro.

**June-August 2014 & 2015 - Tobar Stiofáin Teoranta (Pharmacy)** **- Sales Assistant**

Duties included:

* Assisting and talking to customers on shop floor
* Goods inwards, checking stock against invoices / delivery dockets
* Organising and filing invoices

**Interests and hobbies:**

**Brazilian Jiu Jitsu**

* Go training a few times a week with people from all walks of life. (Before Covid)
* I like Jiu Jitsu because it combines problem solving and athletic ability.
* Currently train at home with weights.

**Video Editing and Designing in general**

* Small amounts of changes have dramatic effects on the perception of content.
* I enjoy learning new features in the adobe packages.

***References ­available on request***