**Aidan Dunne**

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## SUMMARY

I am looking for a graduate position in a Company with a view of utilizing my current abilities and to give me the chance to enhance my skills and gain more experience in a real-world environment. Computer Science student with excellent work ethic and strong interpersonal skills seeking graduate position. I have developed numerous programs in college using Java & C++, I have also done a lot of work with SQL and mongoDB, I also have experience working in a play framework, I also have customer-facing experience from my current part-time job with Hollister Co. that I have held for the past 2 and a half years.

## EXPERIENCE

#### **IT Support Analyst @ Alexion Pharmaceuticals**

##### **February 2018 – August 2018**

I dealt with all IT issues on site and across the EMEA region including, Log and record all incidents, task, request via ServiceNow, support local networking, troubleshoot and support of Avaya phone system and Modular Messaging, VPN and remote access support and account creation – RSA SecureID & also provide software and hardware upgrades on site.

#### **Stock associate @ Hollister Co**

##### **June 2015 - Present**

Dealing directly with the customers, both face to face and via phone to help solve any problems they may have encountered while in-store. Part of my role is to manage stock control & make sure that the store always has enough stock on the sales floor.

## EDUCATION & QUALIFICATIONS

**2015 – to-date *Bachelor of Science (Honours) in Computing with Software Development***

Institute of Technology Tallaght, Dublin 24

**Current GPA: 3.23**

**1st Year Modules studied**, Database Fundamentals **(A)**; Computer Architecture **(B-)**; Business & Information Systems **(B+)**; Systems Analysis **(B+)**; Software Development **(B)**; Operating Systems Fundamentals **(A)**; Discrete Mathematics **(B)**; Software Development 2 **(A)**; Systems Analysis 2 **(B)**; Statistics **(B)**; Object Oriented System Analysis **(B+);** Fundamentals of Interface & Web **(B)**;

**2nd Year Modules studied**, Software Development 3 (**B+)**; Networking 1 **(B)**; Database Design & Programming (**B)**; Discrete Maths2 (**B+)**; Web Design & Development 1 (**A)**; Software Quality Assurance & Testing **(B-)**; Software Development 4 (**B-**); Object Oriented Analysis & Design (**C**); Management Science (**A**); Networking 2 (**B+**); Security Information (**B**)

**3rd Year Modules studied**, Algorithms and Data structures 1 (**B)**; Web Application Development **(B)**; Operating Systems(**B+)**; Cloud Services and Distributed Computing (**B)**; Advanced Databases (**B)**; Data Analysis**(B)**;

## IT SKILLS

* Confident coder and user of Java and C++.
* Can write SQL queries to intermediate level using SQL Developer & NoSQL queries for mongoDB.
* Can design and create database schemas.
* Capable of designing developing websites using Play-Framework, JavaScript, CSS and HTML.
* Great ability to solve problems.
* Very Competent user of Windows/Linux Operating Systems in system administration.
* Extremely confident working in a team.
* Very Self-motivated & Goal Orientated.

## PROJECTS UNDERTAKEN

**Basketball apparel website.**

Second Year (2017)

A Group project involving the development of a basketball apparel website. Features included ability for users to create an account, search for products, purchase products, post messages to a forum, Administrator access, add new products & update old ones, and add payment method. We often came up with remedies for problems such as;

* Check card number is real.
* Finding a solution for the primary key violations
* Deciding what type of Relationships, the classes had to one another

Technologies & Tools Used;

Java, HTML, CSS & Play-Framework

**Twitter Bot.**

November (2017)

This was a small project I under took by myself to create a bot that had a lot of different features, some of these features included, If someone followed my account the bot would reply and thank them, if someone tweeted my account the bot could reply a generic tweet to the other account and the bot could also post a tweet every hour if I set it too;

* Access my Developer twitter account for my keys.
* How to use multiple functions at once so it didn’t just do one thing.
* Create an account on Heroku to deploy the bot.

Technologies & Tools Used;

JavaScript, Node.js, Heroku

**Blockchain & Cryptocurrency**

June - August (2018)

This was another small project I under took by myself to create a basic blockchain and cryptocurrency from scratch to get a better understanding of the technologies used, some of the challenges I faced where;

* Create the blockchain and build cryptocurrency on top of blockchain.
* Using simple get and post requests to test the functionality I was creating.
* Researching new JavaScript modules for using in the project.

Technologies & Modules Used;

JavaScript, Node.js, body-parser, crypto-js,

elliptic, express, uuid, ws & jest