**Joshua Fitzgerald**

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**SUMMARY**

Software Development student that is dedicated, hardworking and takes initiate with strong interpersonal skills seeking work placement position. Developed numerous programs in university using Java, SQL and more as well as gained valuable experience in a commercial setting during my work placement. I am looking for an entry-level position in a Computing Company with a view to progressing within the organisation with an interest in development roles and/or a role in which I can utilize the opportunity to enhance my skills and experience.

**PROGRAMMING SKILLS**

* Confident developer in Java and Python.
* Can write SQL queries to intermediate level.
* Can design and create database schemas.
* Capable of designing developing websites using JavaScript, CSS and HTML5.
* Can analyse data using tools like Excel and Python.
* Can analyse and design systems using UML.
* Competent user of Windows and Linux Operating Systems in system administration.
* Design build and troubleshoot a network using routers and hubs using related tools.
* Configure a router using the Cisco IOS command set.
* Have used cloud environments like Azure and GitHub during my course.
* Successfully created a Linux software from scratch.

**EDUCATION & QUALIFICATIONS**

**Sept. 2021 – to-date *BSc in Computing with Software Development***

Technological University Dublin Tallaght Campus

**2nd Year Modules studies**   
 Software Development 3 **(B+)**;

Software Quality Assurance and Testing **(B)**;  
 Advanced Database Technologies **(B-)**;  
 Network Fundamentals **(D)**;  
 Client-Side Web Development **(B+)**;  
 Discrete Mathematics 2 **(B+)**;  
 Software Development 4 **(C+)**;  
 Project (**B**);  
 Data Administration and Analysis **(B);**  
 Routing & Switching Essentials (**B+**);  
 Information Security (**C+**);  
 Management Science (**B**);

**Significant Projects Undertaken**

**Electronic Store System**

**Description**

A team project involving the development of an Electronic Store system, where users can purchase (singular or in bulk) electronic items currently in stock which is updated using a database admin system that records and controls the items displayed, their user details (such as address, name, etc.) which users can add to with a sign-up feature and the relevant details on products (their manufacturer, category, etc.).

**Challenges faced:**

* Correctly displaying product information that is both appealing and functional.
* Deducing the best way to effectively manage product information.

**Technologies & Tools Used:**

Python, Django (Django-Admin), Linux, CSS, and HTTP

**WORK EXPERIENCE**

**October 2018 – November 2018 and March 2019 – April 2019**

**Inventory Clerk**

**UTS Technologies**

**Company Description:** UTS Parking & Transportation a Division of Technologies Ltd. are a leading provider of parking terminals and solutions. With an unrivalled reputation for quality service, they are the go-to for running a successful and sustainable parking operation in Ireland.

https://www.utsparking.com/

**Main Responsibilities**

Management of Stock/Inventory

Dealt directly with the recording of the stock/inventory. This involved directly counting every individual product’s stock and then updating the product information in the company database along with organizing company documents on previous deals, partnerships, etc. This was completed to such a satisfying degree that it warranted both payment and an invitation to continue work experience with them.

**INTERESTS & ACHIEVEMENTS**

* + Played for Lucan Sarsfield GAA club for an extended period.
  + Took part in swimming activities at Clondalkin Leasure Centre.
  + Volunteered raising donations for Trocaire
  + Competed in a Hackathon with TUD and placed second
  + Certified in First Aid (CPR) through Adamstown Community College

**REFERENCES**

Available upon request