**Lee McCarthy-Pirie**

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**SUMMARY**

I have designed and developed many programs using Java, C++, SQL and HTML/CSS.I have taken part in various projects which I took the lead and worked in a team to reach our goals, these include projects where we had to talk and meet customers to understand fully their ideas and goals. I am a team player and like working in a team where I developed my strong interpersonal skills, but I am happy with programming on my own if the need arises. I am an IT student with strong teamwork skills, programming experience and workplace experience with data analysis and data cleaning. I’m seeking a work placement position in your company.

**IT SKILLS**

* Configure routers/switches using the Cisco IOS set
* Data Cleaning/ remediation
* Data Analysis
* Has used Object-oriented design to solve software problems
* Can create and analyse various UML diagrams
* Created and tested many Java/C++ programs
* Intermediate SQL queries experience
* Can operate both Linux and windows operating systems well
* Competent creator of websites using tools such as HTML/CSS/Bootstrap
* Competent user of Excel and other office 365 programs
* Experience debugging and subnetting networks using the related tools
* Confident at subnetting networks using VLSM in cisco IOS
* Well versed in the Git version control system

**EDUCATION & QUALIFICATIONS**

**2016 – to-date *BSc in Computing with Software Development***

Institute of Technology Tallaght, Dublin 24

**1st Year Modules studied**, Web and Database Fundamentals **(B+)**; Computer Architecture **(C)**; Business & Information Systems **(B-)**; Systems Analysis **(B-)**; Software Development **(B)**; Communications **(B)**; Introduction to Operating Systems **(B-)**; Discrete Mathematics **(B-)**; Visual Design **(C+)**; Software Development 2 **(A)**; Systems Analysis 2 **(B-)**; Statistics **(B)**

**1st year GPA: 3.00**

**2nd Year Modules studied**, Software Development 3 **(B);** Networking1**(B+);**

Databases **(B-);** Discrete Maths2 **(A);** Software quality assurance **(C+);** Web Design & Development1 **(B);** Networking2 **(A);** Management science **(B-);** Software development 4 **(B-);** Object oriented system design **(B+);** Second year project **(B+);** Information Security **(A);**

**2nd year GPA: 3.27**

**Significant Projects Undertaken**

**Second Year Project**

**Description**

This project had us spilt into groups of three. Our task was to fully develop a website from the planning stages we decided on a music website. the implementation our website had to include CRUD functions in the database a login feature mappings shopping basket and security. I took the leadership role and worked closely with my team the whole way through. The website acts as a marketplace for music. If you do not have an account you can only view the albums that are available. But if have an account you can preview the music and add/remove albums to a shopping cart and purchase them. This is handled by a card system that takes your credit card details and purchases the albums, after this you can view your order. The moderator of the site has an option to update the albums available and add new albums and delete albums from the database.

**Challenges faced:**

* Designing UML diagrams
* Creating a database diagram (ERD)
* Using HTML/CSS to design pages
* Using persistence to map the java classes together
* Creating a shopping basket system
* Handling different types of users

**Technologies & Tools Used:**

UML, HTML/CSS, Java, SQL, Word and other Office 365 tools

**WORK EXPERIENCE**

January 2019 – August 2019 Bus & Technology Delivery New Associate Intern Accenture

**Project: Organizational remediation:**

**Data Remediation:** During the project I was involved with creating a new process for data cleaning within a client’s systems. To do this I had to learn how to use the client’s hardware/software along with my peers within the client’s business and Accenture to be able to create a procedure and process to better solve the data quality issue that the client was facing. Taking part in meetings and presenting my work weekly to a manager. Have faced many deadlines and delivered on time.

**Data analysis:** The project was split into phases, each phase I was tasked with using excel to carry out data analysis using functions such as VLOOKUP, LEFT and SUM. Creating pivot tables to help visualize our changes to show to the client.

**Training:** Throughthe project we where joined by an offshore team. At the start we where tasked with training them on the client systems and integrating them into our project and project team

June 2018 – August 2018 Customer Assistant Vue

**Main Responsibilities**

**Teamwork:** I worked within a team to complete tasks assigned by the duty manager. We are tasked with cleaning theatres after a movie, cleaning toilets and complete privacy checks within a strict time limit

**Dealing with customers:** Whenever a customer would have a query about anything regarding the cinema, I was expected to give excellent customer service and deal with it on my own, but if I needed help, we needed to contact another member of staff or a manager

**INTERESTS & ACHIEVEMENTS**

Volunteering

* Foster dogs. We currently have two dogs and have fostered eight dogs in the past
* Accenture’s international women’s day event
* Ice cream day for down syndrome Ireland

Sporting

* + National karate champion in two separate karate organisations. Also, member of the Irish international squad.
  + Placed 8th in the 2015 ESKA European Karate Championship in Kata.
  + Competed at WSKA World Karate Championship on two separate occasions

Posts of responsibility

* + Secretary for the Pool club in college for the past year. Involved in Hosting meetings, emailing other colleges to challenge them to games and fundraising

**REFERENCES** Available on request