**JOE BLOGGS**

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**Date of Birth:** 17th May 1999 **Address:** 90 The Rise, Tallaght, Dublin 24

**SUMMARY**

A

Aspiring young student with a problem-solving mindset seeking internship opportunities in software development, software test and devops. Highly motivated computing student who displays a willingness to learn and gain an understanding of today’s ICT environment. Interested in leveraging personal strengths such as teamwork, communication skills and my technical skills to make a positive contribution to your organisation, while also gaining valuable industry knowledge.

**GENERAL KEY SKILLS**

**Customer Service / Interpersonal -** From my experience as a junior engineer, I have developed communication skills that enable me to adapt and deal with any issue a customer may have in an effective manner. I have developed my presentation skills through presenting IT topics during my course.

**Teamwork-** In addition to my teamwork playing Gaelic football my club, I have acquired teamwork skills working on projects and assignments in various modules throughout my course.

**Time Management-** I regularly complete duties within a constricted timeframe and ensure that all my college coursework is completed within the timeframe given and to a consistently high standard.

**Problem-solving -** I have developed my problem-solving skills by observing, analysing and making design decisions on my project in second year.

**TECHNICAL SKILLS**

**Software Design and Development -** I am a confident developer using Python and Java. Capable of designing and developing websites using Dreamweaver, JavaScript, CSS and HTML5. Can analyse and design systems using UML.

**Database -** Can write SQL queries to intermediate level using Oracle 11G. Can design and create database schemas based on normalised and ERD designs. Administer an Oracle 11G database server using Enterprise Manager and related SQL commands. Have recently developed skills using the MongoDB NoSQL database.

**Operating Systems -** Competent user of Windows and Linux Operating Systems in system administration. Can write scripts in Powershell and Python.

**Networking and Cloud -** 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 AWS during my course.

**Data Analysis -** Can analyse data using tools like Excel, Tableau and Python using statistical and visualisation techniques.

**EDUCATION & QUALIFICATIONS**

**September 2017 – Present:** Technological University Dublin - Tallaght Campus

**Course:** BSc in Computing with Software Development (Level 8)

*(Please see appendix for complete list of modules studied and exam results)*

**Significant Projects Undertaken**

**Multi-User Distributed File System Application**

**Description** A team project involving the development of a distributed file system, where multiple users could transparently edit/modify remote files on a central server as if they were local files. Features included account authorization and secure remote communication based on the Kerberos protocol, file locking, server-to-local \_le replication/updating, caching, and modification date checking for multiple users.

**Challenges faced:**

* Finding a solution for multiple users saving changes to the same file
* Deciding what type of remote communication to use

**Technologies & Tools Used:**

Apache, Python, Python Remote Objects (Pyro), UNIX shell scripting, and HTTP

**WORK EXPERIENCE**

**May 2019 – September 2019** Junior Engineer Nostra Systems

**Company Description:** Nostra Systems is a rapidly growing I.T. firm based in Sandyford Industrial Estate.<http://www.nostrasystems.ie>

**Main Responsibilities**

Dealing with customers

Dealt directly with the customers, both face to face and via phone and e-mail working to document and resolve client queries. Part of my role was to set up and implement a CRM system in the company’s main office.

**INTERESTS & ACHIEVEMENTS**

**Sporting - Club and Colleges**

* 2019: Currently centre-back on the Thomas Davis Senior Football team
* 2019: Played corner back on the TU Dublin Tallaght Senior Hurling team in the Fitzgibbon Cup
* Summer 2018:Organised games and events as part of the Cul Camp Programme at my club.

**Professional - Vocational**

* Student / Affiliate Member of the Irish Computer Society ………
  + - Have attended 2 meetings….
  + Attended Openet’s Coding\Decoding event in October 2017 gaining 2nd prize.
  + Attended the Amazon AWS evening classes at the college last semester.

**Posts of responsibility**

* + Coder Dojo volunteer in assisting primary and secondary students to learn how to program.
  + Treasurer for the QPR club in the college for the past two years. Involved in fundraising, sponsorship and management of budgets within set limits.
  + Volunteer member of the local youth club, helping to organize monthly events including a trip to the Zoo.

**REFERENCES**

References available on request

**Appendix**

**3rd Year Modules**

Cloud Services and Distributed Computing

Data Structures and Algorithms

Server-Side Web Development

Big Data Technologies

Operating Systems

Work Placement

Data Analysis

**2nd Year Modules**

Software Development 3 **A**

Software Quality Assurance and Testing **B**

Advanced Database Technologies **A**

Network Fundamentals **B**

Client-Side Web Development **B**

Discrete Mathematics 2 **A**

Software Development 4 **B+**

Project **B+**

Data Administration and Analysis **A**

Routing & Switching Essentials **A**

Information Security **B**

Management Science **A**

**Overall Grade: 2.1**

**1st Year Modules**

Software Development 1 **A**

Discrete Mathematics 1  **B**

Visual Design and User Experience **B+**

Critical Skills Development  **A**

Computer Architecture  **B**

Business & Information Systems **A**

Software Development 2  **B**

Systems Analysis **B-**

Database Fundamentals **B**

Statistics  **B**

Operating Systems Fundamentals **A**

Social Media Communications  **B+**