**David Bird**

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**SUMMARY**

Currently in my fifth semester in Computing Science, TU Dublin Tallaght Campus, TA322. While in college I’ve been placed in previously difficult circumstances that have allowed me to improve various useful skills and qualities that would be ideal for any working environment. Due to the course itself being very centred around group work I’ve had plenty of time improving my communication and leadership skills. Similarly, due to the projects supplied I have improved my creativity and work ethic throughout my two years. Also while

**IT SKILLS**

* Capable developer in Java and Play Framework.
* Create and design database schemas.
* Implement database schemas in Oracle 12G, java and play framework.
* Confident web designer using HTML5, CSS and JavaScript.
* Familiar with both Windows and Linux command terminals.
* Configure LANs with switches and routers, as well as subnetting and applying network addresses to all components of the LAN.
* Confident in solving maths-based problems.
* Comfortable applying agile testing to projects and working in scrum teams.
* Can analyse and design systems using UML class and case diagrams.
* Can analyse data using tools such as Excel and Python.
* Carry out common database administration tasks.
* Can write common SQL queries using multiple tables using Oracle SQL Developer.
* Proficient with Excel formulas and can analyse and understand spreadsheets.
* Familiar with using web testers such as Selenium.

**EDUCATION & QUALIFICATIONS**

**2017 – Present *BSc in Computing with Software Development***

Technological University Dublin Tallaght Campus

**2nd Year GPA: 3.40**

Software Development 3: **(A, 80)**

Discrete Maths 2: **(A, 88)**

Networking 1: **(A, 84)**

Software Quality Assurance & Testing: **(B, 64)**

Web Design & Development 1: **(B-, 55)**

Database Design and Programming: **(B+, 70)**

Software Development 4: **(B+, 73)**

Information Security: **(C+, 54)**

Project: **(B, 65)**

Data Administration and Analysis: **(B, 68)**

Routing & Switching Essentials: **(B+, 78)**

Management Science: **(A, 84)**

**1st Year GPA: 3.63**

Software Development 1: **(A, 88)**

Computer Architecture: **(B, 68)**

Fundament of Interface & Web: **(B+, 73)**

Business & Information Sys: **(B, 60)**

Discrete Mathematics: **(A, 84)**

Learning to Learn: **(B, 66)**

Software Development 2: **(A, 83)**

Object Oriented System Analysis **(B+, 74)**

Social Media Communications: **(B+, 70)**

Statistics: **(A, 96)**

Database Fundamentals: **(A, 80)**

Operating Systems Fundamentals: **(A, 84)**

**Significant Projects Undertaken**

**E-commerce Website**

Description

A team project involving the development of a website with a functional payment system and database incorporated into the website. The database had to be fully interactable with a user-friendly CRUD implemented and users that have different privileges. User data also had to be saved into the database, but that information was only shown to the admins. For this project we used agile development with continuous integration using Azure DevOps services to keep the project organised. In this project I took on a leadership role and allocated each member in the group certain tasked that had to be completed by a certain date so every week we would be able to show our project supervisor the work we had completed for our routine iteration checks by the lecturers.

Challenges faced

* Organising and motivating team members to keep up to date with tasks allocated with our limited schedule.
* Multitasking between prioritising the project and upcoming exams for other modules.
* These challenges where overcome by seeking help from our supervisor as well as organising our time while, conducting stand-ups where our schedule would allow and having sprint sessions where we would do most of the work where our schedule allowed it.

Technologies & Tools Used

Java, HTML, Azure DevOps, Git, Play Framework v2.6, MySQL, Linux.

**WORK EXPERIENCE**

**July 2019 – September 2019** **Content Administrator, Folens Publishers, Dublin 24**

* Worked in a medium team of 7 people where we would adapt between working in smaller groups or working individually depending on the project.
* During my time here I was the lead tester on the company’s new app and would have to report all finding and problems to my superior at our daily stand up. As I was put in charge of the app testing, I would often allocate work to other people in our group to speed up the testing phase.
* I also worked on a separate project during my time there which consisted of helping them transfer some of their resources for specific books to their new app and making sure that all resources had a metadata excel spreadsheet saved in the companies archive folder
* The work here helped improve my leadership skill with allocating work appropriately and my communication skills with our daily stand ups and communicating my work across while keeping it short and concise.

**January 2019 – Present** **Steward, Aviva Stadium, Dublin 4**

* Work in large teams designated to certain stands around the stadium with the main objective of insuring a pleasant experience for all spectators.
* Job involves escorting spectators to the appropriate seats, following up on all requests made by the spectators and, in rare circumstances, dealing with rowdy spectators.
* This job has helped develop team working skills and to keep a calm, cool head under pressure from dealing with large number of spectators at a specific given time.

**INTERESTS & ACHIEVEMENTS**

Sports

* Finished 1st in the SDFL underaged schoolboy league in the 2011-2012 season and again in the 2016-2017 season.
* Finished 1st in the 2012 under 13’s Greystones Cross-Country Championship.
* Currently training for the 2019 Dublin City Marathon with the aim to finish it under 4 hours.

Academic

* Awarded the Gaisce – Bronze Award in my Transition Year, 2015.

**REFERENCES**

Available on request.