

Rory Corcoran

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SUMMARY

Skilled and highly motivated computing student with a problem-solving mindset seeking Graduate Programme opportunities. I am interested in leveraging personal strengths including strong interpersonal skills, teamwork, communication skills and my technical skills to make a positive contribution to your organisation, while also gaining valuable industry knowledge and expanding my skill set. I have demonstrated a high degree of professional integrity throughout working life and I am reliable and enthusiastic.

IT SKILLS

- Design, build and troubleshoot a network using routers and switches using Cisco Packet Tracer.
- Configure a router using the Cisco IOS command set.
- Write scripts in Python, Bash and Powershell.
- Competent user of Windows and Linux Operating Systems in system administration.
- Design and develop websites using JavaScript, CSS and HTML5.
- Write Unit Tests using Selenium for automation.
- Analyse data using Excel, Python, Jupyter Notebooks & Google Analytics.
- Write SQL queries to intermediate level using Oracle 11G.
- Design and create database schemas.
- Analyse and design systems using UML.
- Administer an Oracle 11G database server using Enterprise Manager and related SQL commands.
- Proficient using Git.

EDUCATION & QUALIFICATIONS

2018 – to-date **BSc (Honours) in Information Technology Management**

Technological University Dublin (TU Dublin) - Tallaght, Dublin 24 **Current GPA: 3.58**
4th Year Modules: Information Management, Enterprise Performance Architecture, Private Cloud Architecture, Security for Cloud and the Internet of Things, Social Media Analysis. Interactive Media Design & Visualisation.

3rd Year Modules: Cloud Services & Distributed Computing (**A**), Big Data Technologies (**B+**), Advanced Routing & Switching (**B+**), Server-Side Web Development (**B**), Operating Systems (**A**), Innovation & Entrepreneurship (**A**), Experiential Learning (Internship).

2nd Year Modules: Networking1 (**A**); Routing & Switching Essentials (**A**); IT Scripting (**B**); Software Quality & Assurance Testing (**A**); Discrete Maths2 (**A**); Client Side Web Development (**B+**); Advanced Database Technologies (**B+**); Management Science (**A**); Information Security (**A**); IT Services Management (**B+**); Data Administration & Analysis (**A**); Project (**A**).

1st Year Modules: Operating System Fundamentals (**A**); Computer Architecture (**A**); Visual Design & User Exp. (**A**); Software Development1 (**B+**); Software Development2 (**B**); Systems Analysis (**A**); Statistics (**A**); Database Fundamentals (**A**); Business Information Studies (**A**); Discrete Maths1 (**A**); Critical Skills Development (**A**); Social Media Communications (**A**).

2018 **City & Guilds Social Media for Business Diploma L3, QQI level 6** CDET, Ballyfermot. Creating / optimising content for the web, SEO, Using collaborative technologies. Website creation. Use of digital social media in marketing campaigns.

2002 – 2007 **Higher National Diploma in Outdoor Adventure Management**, Colaiste Dhulaigh. Outdoor Leadership & Instruction, Managing a Watersports Centre.

Significant Projects Undertaken: TU Dublin 2nd year group project.
Wheelchair Accessibility Review System

Description

Built system which enables users to rate & review social venues, on the ease of access for wheelchair users. Combined an MQTT publish/subscribe messaging system with a live, web based, front-end and database backend. The front-end allows users to leave or view reviews and JavaScript functionality gives ability to search and filter. Users can also subscribe to receive reviews on a Linux interface.

Technologies & Tools Used:

MQTT messaging protocols, UNIX shell scripting, Google Cloud Linux Environment, Firebase, HTML5, CSS, JavaScript, Microsoft Azure DevOps, Git.

Challenges

To overcome the challenge of working remotely due to COVID-19, our group had online scrum meetings and used the Kanban boards on Microsoft Azure DevOps for project management.

WORK EXPERIENCE

Irish Experience: 2021, 2018, 2003 - 2009

2021 Ocuco Ltd. Dublin: Professional Services Intern.

(Jan - Aug) My role was to be the first point of contact for customers by phone or email. Tasks included gaining remote access into customers machines, investigating & resolving issues using SQL Developer, logging tickets using Jira, troubleshooting Oracle RMAN backup log issues.

2018 NewBarn Farm shop, Co. Meath: salesperson

Dealt with customers in a busy shop environment, performed stock checks, handled cash.

2003 – 2009 Senior Instructor and Activity Instructor

Managed, co-coordinated and instructed safe, professional outdoor education courses for adults / children / school groups / sports teams / special needs and corporate groups. Duties involved report writing, organising large groups, working both individually and leading or working in teams

Overseas Experience: 2008 - 2017

2013 – 2017 Vietnam: English Language Teacher

Taught English in language centres in Da Nang and Hanoi.

2012 - 2013 New Zealand, Auckland: AA Breakdown Call Centre Operator

Responsible for dispatching mechanics to members who had broken down at the roadside and dealing with claims calls. Understand processes of customer service and retention.

2010 – 2012 Australia, Queensland: Farm Machinery Operator

Safely operated variety of farm machinery to harvest crops and prepare fields for new season. Made sure machinery was in top condition and working correctly.

INTERESTS

Conservation & Environment:

- Member of Birdwatch Ireland.
- Volunteer on River Dodder cleanup days.

Year-round sea swimmer & water sports enthusiast.

Troubleshooting technology for family, relatives and neighbours.

ACHIEVEMENTS

Returning to education as a mature student.

Full clean B Drivers licence (obtained 2007).

Posts of responsibility:

- First year University class representative.
- Scout leader (2001 - 2003): Leading hikes & organising of camping trips.

Languages: Conversational French.

REFERENCES Available on request.