

James Norris

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SUMMARY

I have developed numerous programs, both large and small using JavaScript, Bash, HTML5 and other applications. I have customer-facing experience and gained valuable knowledge in applications like Excel and Python. Through my placement at AWS, I have gained experience with working both in a team/individually, meeting deadlines and handling issues. I'm looking to progress with an organisation and to enhance my IT and other skills further.

IT SKILLS

- Can write SQL queries to intermediate level using Oracle 11G.
- Capable of designing developing websites JavaScript, CSS and HTML5.
- Can analyse data using tools like Excel and Python.
- Also have moderate competency in R.
- Can analyse and design systems in Visual Paradigm.
- Have experience unit testing in Python.
- Competent user of Windows and Linux Operating Systems in system administration.
- Configure a router using the Cisco IOS command set.
- Can write scripts in PowerShell, Vim and Python.
- Have used cloud environments like Azure and Google in my course.
- Understanding of AI/ML algorithms.

EDUCATION & QUALIFICATIONS

2020 – to-date *BSc in Computing in AI/ML*

Technological University Dublin Tallaght Campus

3rd Year Modules studied, Client-Side Web Development (**C+**); Big Data Technologies (**C+**); Advanced Routing & Switching (**B-**); Data Analysis (**B**); Cloud Services & Distributed Computing (**C**); Operating Systems (**B-**); Experiential Learning (**PASS**);

2nd Year Modules studied, Software Quality Assurance and Testing (**B**); Advanced Database Technologies (**B+**); Network Fundamentals (**B**); Client-Side Web Development (**B**); Discrete Mathematics 2 (**A**); IT Scripting & Automation (**A**); Project (**A**); Data Administration and Analysis (**B**); Routing & Switching Essentials (**B+**); Information Security (**B-**); Management Science (**B+**) IT Service Management (**C**)

1st Year Modules studied, Visual Design and Used Experience (**A**); Computer Architecture (**B+**); Business & Information Systems (**A**); Systems Analysis (**B**); Software Development 1 (**B**); Critical Skills Development (**A**); Operating Systems Fundamentals (**B+**); Discrete Mathematics 1 (**B**); Software Development 2 (**C+**); Social Media Communications (**B+**); Database Fundamentals (**A**); Statistics (**A**)

Projects

Cinema Management System

Description

This was a semester long group project with the main system concept allowing a publisher to easily send messages to one/ many subscribers. A user would subscribe to given topics to receive updates. This was for businesses not customers. For example, Vue employees/ managers could subscribe to a topic(s) (i.e., film name). If something needed to be changed then the publisher (a Vue employee) would update this info.

Challenges faced:

- Using JSON scripts to populate the Database.
- Adding both a functioning filter system to easily filter through data and admin features.
- Deciding how to develop an easy-to-use UI for first time users.
- Deadlines were set by group members that were expected to be reached and checked off.
- Communicated both in person/online with team for issues & for using DevOps to prevent multiple pulls/ pushes.

Technologies & Tools Used:

Supabase, HTML5, JavaScript, CSS, Linux, Azure DevOps, Selenium IDE, Mocha, Shell.

WORK EXPERIENCE

May 2018 – Oct 2022

Bouncer

Mary's Rugby Club

Responsibilities included Money Management & General Assistance

Dealt with purchasing/scanning of tickets, helping with the shop and supervising customers and their queries.

Feb 2023 – Aug 2023

Cloud Support Associate Intern

AWS

Responsibilities included working in teams and individually, meeting goals and displaying practical knowledge of AWS services.

Gained experience with various AWS services and expanded knowledge in Linux, Windows and Networking.

INTERESTS & ACHIEVEMENTS

Sporting & Clubs

- Participated in Scouting Ireland for several years including participating in competitions.
- Participated in TUD - Tallaght Nerd Society.

REFERENCES

Available on request