

PAUL LONG

PERSONAL INFORMATION

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ACADEMIC QUALIFICATIONS

2019-2024 Munster Technological University:
Full Time, Bsc(Hons) Software Development

- **Final Year:** Second Class Honours Grade 2
- **Third Year:** Second Class Honours Grade 1
- **Second Year:** Second Class Honours Grade 1
- **First Year:** First Class Honours

• **Core Modules**

- Data Analytics: 88
- Linear Data Structures and Algorithms: 86
- Mobile App Development: 85
- Modular Programming: 75
- Object Oriented Programming: 70
- Operating Systems: 75
- Requirements Engineering: 75

2013-2019 Christian Brothers College
Leaving Certificate 435 Points

Languages

Java, Javascript, React, Python, C, C#

Servers/Tools/Platforms

Visual Studio, GitHub, Docker, Apache Netbeans, Eclipse, NodeJs, SQL Workbench, AWS, Cloud Firestore, Justinmind, Pycharm, IntelliJ, Spyder, Android Studio, Webstorm, Visual Paradigm, Trello, JDBC, JPA

Databases

SQL, SQLite, MongoDB, Neo4J, Firestore, DynamoDB

Operating Systems

Windows, Linux

PROJECTS

3rd Year Placement Project – Dell Technologies

- Developed a RESTful back-end application in Java
- Created front-end user interface using React and Axios
- Used GitHub to push new code & monitor versions
- Used Docker and Jenkins when deploying final version
- Application is now used on a daily basis by engineering teams
- Utilized VSCode, Eclipse, and Postman for development and testing
- Developed extensive JUnit tests to assess my code

Final Year Project – Grade: 72

- Created an Alexa chatbot to record customer feedback
- Developed Alexa skill in Java using the IntelliJ IDE
- Hosted using AWS
- Utilized DynamoDB, S3, and Lambda
- Dynamically handles different types of products
- Utilized Trello to organize development phase
- Added admin front-end in React hosted by AWS

Covid Contact Tracing System

- Created a system to record Covid cases and close contact events
- Used JavaFx with a Derby database
- Connected to and edited the database using JDBC
- Wrote test cases
- Used Eclipse and GitBash to write the app and create the database

3rd Year Group Project

- Worked as a team with other students
- Created health monitoring & warning system
- Used Trello and Discord to organize our time and plan meetings
- Used Visual Paradigm to design the architecture of our system
- Used machine learning to predict likelihood of heart disease & obesity
- Developed web and android app

WORK EXPERIENCE

Relevant

Dell Technologies **February 2022–August 2022**

Role: Software Engineering Intern

Key Takeaways:

- Engaged in monthly code reviews of my own code as well as others'
- Used Jira to plan Sprints and stay on top of user stories
- Weekly Sprint and Team meetings
- Monthly Sprint reviews
- Assisted in the onboarding of a new hire

Other

Sales Assistant **September 2022-Present**

The Dreads

Skills Developed: Communication, Organization, Multi-Tasking, Time Management, Interpersonal Skills, Problem Solving

Sales Advisor **August 2017-March 2020**

Ecco, Prince's Street (Cork)

Skills Developed: Communication, Organization, Multi-Tasking, Time Management, Interpersonal Skills

SKILLS AND ACHIEVEMENTS

Music

- 1st Trombone St Nicholas Brass Band & The Butter Exchange Band
- Cork School of Music Grade 8 Pass with Credit (85%)

Sport

- Hurling and Football with Brian Dillons GAA club
- Junior A Hurling City Championship 2019, 2020
- Junior A Hurling County League 2019

REFERENCES

Available on request.