

EDUCATION

QUT - Queensland University of Technology

Bachelor of Information Technology – with Distinction

Brisbane, Australia

June 2020 – July 2024

- First major: Computer Science; Second major: Data Science
- Coursework: Database Management, Algorithms & Complexity, Web Computing, Software Development, Parallel Computing, Machine Learning, Data Analysis, Visualizing Data.

PROJECTS

Data-driven Football Dashboard (Python & Streamlit)

December 2021 – April 2022

<https://darylougouillard-vietnamdataapp-landing-page-iudn3r.streamlitapp.com/>

- Scraped, processed data using Python and visualized data using Matplotlib and Plotly.
- Created a front-end dashboard using Streamlit to host the data and the visualisations.
- Integrated the project into Snowflake and established an automated workflow using GitHub Actions.

QUT Capstone Project with Kashy Australia (TypeScript + ExpressJS)

February 2023 – February 2024

- Revamped and developed a customer-facing front-end using React TypeScript for Kashy Australia.
- Integrated ExpressJS for back-end routing and interacting with the database to fetch and send data.
- Integrated SEO for the website and made the website mobile-friendly using Google Workbox.

Opta Forum 2023 (Python + Google Cloud)

November 2022 – March 2023

<https://www.statsperform.com/resource/final-pro-track-presentations-confirmed-for-the-2023-opta-forum>

- **Title:** Using Data to Evaluate the Efficiency of Channel Attacks and Defence
- Used tracking and event data to identify and evaluate efficiency of channel runs in attack and defence.

Puzzle-solving Halloween-themed Game (Godot Engine + Blender)

October 2024

<https://github.com/daryl-g/30-Days-of-Game-Dev-Challenge>

- Created 3D models using Blender that contributed to the world environment of the game.
- Developed elements, player, and objects for the game using Godot Engine and GDScript.

SKILLS

LANGUAGES

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|---|-------------------------------------|
| • Data Science: Python, R, Tableau, Databricks | • Vietnamese (Native) |
| • Database Management: SQL, Snowflake | • English (Proficient) – IELTS: 8.0 |
| • Software Development: C#, C++, Golang | • German (Elementary) |
| • Web Development: TypeScript, React, ExpressJS | |
| • Game Development: Godot, GDScript | |
| • Cloud Computing: AWS, Snowflake, Kubernetes | |
| • Source Control & Automation: GitHub, GitLab | |
| • Collaboration: Jira, Confluence, Trello | |

REFERENCES

Available upon request.