

# DAFYDD-RHYS MAUND

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## Profile

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As a recent graduate in Software Engineering with a strong focus on Data Science, I am eager to leverage my skills in programming, machine learning, and data analysis to solve complex problems and drive business insights. I bring a solid foundation in software development, statistical modelling, and data visualization, with a passion for continuous learning and innovation. My goal is to contribute to impactful projects and collaborate with cross-functional teams to develop data-driven solutions that enhance decision-making and business performance.

## Education

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**Swansea University · MSc Data Science** · Distinction (pred.) Sept 2024 – Sept 2025

**Swansea University · BSc Software Engineering** · First Class Honours Sept 2020 – June 2024

## Technological Related Skills

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**Languages:** Java, Python, C#, JavaScript, Kotlin, C++, SQL

**Frameworks:** React, NodeJS, Spring, Express.js, Django, Spring

**Technologies:** Git, IntelliJ, Visual Studio, MySQL, Firebase, AWS, Docker, Kafka

**Other:** Version Control, Documentation, Agile Methodologies, CI/CD, Unit Testing, Terraform/

## Notable Projects

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**Sync Media Player** A synchronized media player allowing multiple users to watch and listen to media sourced from a variety of external sources while being able to socialise together.

**Social Post App** A full-stack web application allowing users to create, manage, like, dislike, comment and share posts with implementation of searching, filtering and APIs.

**Customer Retention** Analyses the differences in customer retention between free and premium users, using a dataset that includes both in-store and mobile orders. Visualising Results

**Restaurant Reviewer** Interactive full-stack mobile app used for interacting with restaurants and users.

**Poster Composer** Automatically creates posters using my designs for users' favourite artists albums.

Check GitHub for full **38** projects list: [github.com/dafydd-rhys](https://github.com/dafydd-rhys)

## Certifications

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**Data Science Professional Certificate by IBM** · 6-month comprehensive program covering Python, SQL, Data Analysis and Machine Learning providing hands on experience with projects and foundational skills in data science.

**Git and GitHub Certificate by Google** · Teaches Git versions control and GitHub collaboration for managing code.

**AI Infrastructure and Operations by Nvidia** · Teaches deploying and optimizing AI models with GPU acceleration.

## Relevant Accolades

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**Best Speech Award** · Best speech about dissertation at Baskerville (**Cohort 3**)

**Team Leader Award x2** · Team leader of 2 separate game development teams (achieving **100%** and **96%**)

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