

Reece Davies

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Profile Summary

I graduated with a **BSc (Honours) Computer Science** from **Plymouth University** and a **MSc Management** from the **University of Exeter Business School**. My BSc fully encompassed software development with **C#** in the **.NET** framework, and also covered a wide range of topics and programming languages, including **Python, Machine Learning, Java Design Patterns, and JavaScript**, among others. Since graduating, I have continued to develop my programming skills by engaging in personal projects and courses on new languages/frameworks (**React Native, Node.js**, & Advanced **Python** topics, to name a few). My experience in BSc Computer Science and MSc Management, combined with my ability to think creatively and work collaboratively, make me a **strong candidate for roles in business, marketing, or technology**.

Education

University of Exeter Business School

Sept 2021 - May 2022

MSc Management (9 month) - Merit

Primary modules:

- Accounting for International Managers
- Business Analytics and Research Skills
- Marketing for Management
- Strategy for International Managers
- Sustainability, CSR and Business Ethics
- Future Trends for International Management
- Organisational Management & Leadership

University of Plymouth

Sept 2017 - June 2021

BSc (Hons) Computer Science - Second Class Honours (Upper Division)

Final Year Computing Project:

- 'SafeGaze', a Sports Facility Observation System, built with PHP, HTML, CSS, JavaScript, & SQL.
- Done in collaboration with Exeter Trampoline Academy.
- Addressed the challenges posed by pandemic restrictions, offering a secure streaming platform for facility's members, particularly crucial given the limitations that prevented parents from being physically present in the building while their children participated in sports activities.

Sixth Form - All Saints Academy Plymouth

Sept 2015 - July 2017

- Mathematics (A Level) - C
- Finance (BTEC) - Distinction *
- Business (BTEC) - Distinction
- ICT (BTEC) - Distinction *
- Art (A Level) - C

Previous Work

Operations Technician | Insync Insurance [02/2024 – present]

As an Operations Technician, I handle a range of tasks, including daily API user policy uploads and supporting the Accounts & Credit Control teams with refund requests and shortfall claims. A significant part of my role is to optimise internal processes and develop the supporting process guides, such as streamlining the New Starter & Leaver process for managers, Operations team and third party companies. I also serve as a fire warden, managing emergency resources like floor plans. Additionally, I collaborate with my manager to refine Acturis configuration and templates, ensuring SMS, email, and document templates are consistent, cost-effective, and compliant.

Trampoline Coach & Head of Marketing | Exeter Trampoline Academy [06/2020 – 07/2023]

While pursuing my athletic career full-time, I also worked as a Trampoline Coach at *Exeter Trampoline Academy* (ETA). After working for ETA for two years, I was appointed as Head of Marketing in September 2022 based on my prior experience and education in marketing from my MSc. From this position, I was responsible for managing the club's social media presence, producing monthly newsletters, and coordinating public relations efforts. In addition to my coaching duties, I successfully implemented a range of marketing strategies that helped increase brand awareness and attract new customers to the club. I also served as tech-support for ETA, specifically in regard to the deployment and management of SafeGaze, a software I developed for ETA in my final year of my BSc.

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Cyber Security Analyst (IT Industrial Placement) | Met Office [08/07/2019 – 26/06/2020]

I was awarded an Industrial Placement within the Met Office (Exeter). During this time, I worked as a cyber security analyst in the Cyber Security Operations Centre (CSOC). My team and I were responsible for the logging and monitoring of the security of Met Office's internal systems. Additionally, I was involved in the deployment of The Logging, Monitoring and Alerting project (LMA Project) which makes use of Elastic Stack's detection tools and resources for identifying malicious activity from within the organisation. My experience at the Met Office allowed me to develop as a professional and provided me with a deeper understanding of how to work collaboratively with a team in a technology-focused role.

Major Projects

Connected Rail:

- An integrated platform for a railway system, done with a team of other university students.
- This software package includes a web app (PHP), a desktop admin app (Java), and a mobile app (Xamarin), and allows everything from the booking of train tickets on the passenger's end, to the management of staff accounts on the administrator's end.

Met Office LMA Project:

- The Logging, Monitoring and Alerting project made use of Elastic Stack's software to search, analyse, and visualise large volumes of data in the Met Office's internal system.
- This empowered the Cyber Security team to swiftly identify and respond to potential threats.

Python AI Handwriting Detection:

- A personal project made with Python's TensorFlow, Numpy, SKLearn, and Pygame, that utilises machine learning AI for handwriting recognition.

Trampoline Tariff Calculator:

- A mobile app made to calculate the total tariff difficulty of a 10 skill trampoline routine, including the individual difficulty and fig notation of each skill.
- This app has been posted to the Google Play Store and made publicly available.

Inventory-Sync:

- A MERN stack inventory management application published to Render.com, featuring real-time updates and secure user authentication with JSON Web Tokens.
- Users can seamlessly organise and categorise assets, assign custom statuses to individual items, and view data in structured tables for straightforward tracking.

Skills and Qualities

Mathematical, technologically advanced, problem solving, and analytical skills: Although these are instinctive skills for me, they were heightened as a result of my BSc Honours degree in Computer Science & MSc in Management. Additionally, in my free time, I have created a number of different software applications to hone my skills as a computer scientist, specifically in Python, C#, or React Native.

Critical, creative and innovative thinker: These skills have been nurtured by a very deliberate mindset that I have adopted, people I have associated with and aspired to, and authors I have read.

Leadership and management skills: Evolved and developed through key experiences such as Head Boy in A Levels, Duke of Edinburgh Bronze & Silver awards, Ten Tors 45 mile & 55 mile challenges, and numerous sporting career achievements and competitions.

Time management, responding well under stress, resilience, and being a team player: These are skills that have been gained as a result of training as a performance athlete and competing at an international level.

Reliable, independent working, organised, and adaptable: A combination of moving continents at a young age, sport, life skill challenges/programs, and managing the challenges faced presented by the COVID-19 lockdowns.

References available upon request.