DEVAN GOVIND
MSc Computer Science Student at UCL

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EDUCATION

MSc Computer Science, University College London　　　　**September 2023 – September 2024**
- Key Modules: Algorithmics, App Engineering, Machine Learning, Functional Programming, Database Fundamentals

First Class BEng (Hons) Chemical Engineering, University of Leeds　　**September 2020 – July 2023**
- Achieved 76% and 73% in Mathematical Techniques 1&2 respectively
- Used Excel to model and design Nuclear Waste system for third year design project
- Worked to a high level of detail and accuracy with effective written communication to deliver first-class grades in laboratory reports and scientific assignments.
- Developed team-based and presentation skills during laboratory practical and seminar group work

The West Bridgford School, Nottingham　　　　**September 2013 – July 2020**
- A Levels: Maths (A*), Further Maths (A*), Chemistry (A)
- GCSEs: Maths (9), English Literature (9), English Language (6), Biology (9), Chemistry (9), Physics (9), Sociology (A), Computer Science (8), History (8)

WORK EXPERIENCE

Software Engineer Internship, Capital One, Nottingham　　**June 2023 – September 2023**
- Developed a React Native app built in TypeScript to provide an interactive mapping solution that enabled navigation of the Nottingham and London Capital One offices. Wrote extensive unit tests using Jest and React Native Testing Library. Collaborated with senior software engineers and managers to further refine the deliverables
- Teamed with other interns operating in Agile practices and Kanban boards on a React web project. Project entailed moving the existing web pages built in Docusaurus to React and writing extensive unit tests using Jest
- Increased competency of CI/CD, React, React Native, TypeScript, JavaScript, Jenkins
- Grew personal skills including independent and team working, time management and communication
- Achieved 'Exceeding Expectations' (highest) at the final performance review

Accountancy Work Shadowing, BostockWhite, Bingham　　　　**August 2022**
- Completed one week work shadowing in accountancy firm. Acquired hands-on experience of accountancy principles and software through the use of SAGE and Quick-Books

Joinery Assistant, HomeSolutions, Nottingham　　　　**July 2022**
- Employed by a local building company for renovations of multiple residential properties. Worked within a larger team and independently in different working environments, where effective communication and manual dexterity were key

Stadium Cleaner, OfficeCare, Nottingham   **July 2021 – September 2021**

- Performed cleaning operations to maintain the interior and exterior appearance of the stadium. Accomplished tasks individually and as part of a team. Demonstrated flexibility for changing shift patterns that included late evenings and weekends on match days

Private Maths Tutor, Nottingham   **September 2019 – March 2020**

- Supplied Maths tuition for a final year GCSE student, helping him to increase his performance from a Grade 5 to Grade 7

3M Science & Technology Work Experience Scheme, Loughborough   **July 2019**

- Gained awareness of the pharmaceutical industry through rotation in different departments that included manufacturing, analytical chemistry and process engineering

Teaching Assistant, Kip Mcgrath Education Centre, Nottingham   **September 2018 – May 2019**

- Delivered Maths and English tuition for children ranging from primary school age up to GCSE level. Organised and planned work prior to the students' arrival and coached the students to solve problems

ONLINE VIRTUAL EXPERIENCES

JPMorgan Chase & Co. Quantitative Research Experience   **October 2023**

- Completed a simulation focused on quantitative research methods
- Built linear and logistic regression models as well as decision trees to model financial data

DeepLearning.ai & Stanford University Machine Learning Specialisation   **September 2022**

- Learnt the fundamentals of machine learning and applied AI to real world examples
- Trained supervised machine learning models for prediction and binary classification tasks
- Built and trained neural networks using TensorFlow to perform multi-class classification
- Built and used decision trees and tree ensemble methods

Cisco Introduction to Software Engineering   **August 2022**

- Learnt introductory Javascript and React to build the frontend of websites

JPMorgan Chase & Co. Software Engineering   **August 2022**

- Built on existing Python skills combined with React to produce website for displaying and comparing stock data, and visual presentation of trading strategies

Citi Investment Banking   **March 2022**

- Conducted an overview of a company's business model and financials
- This knowledge, market research and analytical tools were used to compare the company's financials and performance to competitors.

CFI Reading Financial Statements   **March 2022**

- Acquired knowledge on the analysis of the 3 key financial statements (balance sheet, income statement, and cash flow) and annual report to determine the company's financial strength

Self-taught knowledge of database management systems using SQL

REFERENCES

- Provided upon request