Faris Chaudhry

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EDUCATION

MEng Maths and Computer Science – Imperial College London   **Oct 2022 – Present**

- Greater insight into mathematical underpinnings of computer science especially in machine learning.
- Gained organizational skills from doing a joint degree (one of the most intensive at Imperial).
- Regularly work in groups to plan and develop projects.

GCSEs and A-Levels – The Cotswold School   **Sep 2015 – Jul 2022**

- Maths (A*), Further Maths (A*), Computer Science (A*), Research Project on AI (A*), Physics AS (A).
- GCSEs: 9 Grade 9s, Additional Maths (A).

PROFESSIONAL EXPERIENCE

Work Experience – **Commercial Group**   **Mar 2019**

A software development and consulting company driving customer engagement.

- Participated in software development lifecycle as part of a team.
- Developed software to enhance internal network security.
- Created quantitative SQL reports used in presentations.

EXTRACURRICULAR

HarvardX CS50x Introduction to Computer Science

- Used a range of languages in practical projects.
- Presented final project (creating a blockchain from scratch) to peers.

Machine Learning by Stanford University & DeepLearning.AI

- Learnt best practices in machine learning lifecycle.
- Implemented neural networks from raw data to making accurate predictions.
- Experience with unsupervised, supervised and reinforcement learning.

Imperial Horizons Philosophy Modules

- Critically analyzed texts and wrote essays in a clear and concise way.
- Effectively communicated and defended ideas in group discussions.

RELEVANT PROJECTS

GitHub Source Control – Native application using Auth0, AWS, and GitHub API for managing repositories.
ECG Neural Network – Detects abnormalities in an ECG using supervised machine learning algorithms.

PROGRAMMING SKILLS

Python: NumPy, Keras, TensorFlow, Pandas, scikit-learn, SciPy, Matplotlib
Technologies: Git, GitLab, GitHub, AWS, PostgreSQL, Wolfram Mathematica
Other Languages: C#, Haskell, Lua, HTML, CSS, LaTeX

References available on request.