DANIEL HOANG

PROFESSIONAL PROFILE

A prospective and ambitious computing student, specialising in artificial intelligence and machine learning, searching for work in order to utilise my computational and mathematical skills. Software and hardware development have been my biggest passions for a number of years. I am always willing and enthusiastic in learning new skills and developing old ones as well as gaining more knowledge of the industry.

EDUCATION

A LEVELS AT ST OLAVES GRAMMAR SCHOOL
Attained Grades:
- Mathematics - A*
- Further Mathematics - A*
- Computer Science - A
- Physics - A

University of Southampton (2023-2027)
Computer Science with Artificial Intelligence (MEng)

EXPERIENCE

- I came top of my university and 61st out of about 250 teams in the UKIEPC. Due to my success I was sent to compete in NWERC in the Netherlands.
- I've completed over 100 leetcode puzzles and have learnt many useful skills such as dynamic programming and data structures and have reinforced many other programming techniques.
- I optimised a large language model to be suited for answering questions in aviation. I learnt a lot about how LLMs work and learnt a lot about retrieval augmentation generation and prompt engineering.
- I utilised my full stack development skills by creating a stock trading website where anyone can sign up and trade with stocks in real-time to practice their trading strategies. It included many features such as stop losses and take profits as well as tools to aid users in technical analysis. The whole project was documented and stored.
- My team created a dating website that is exclusive to uni students and matches students from within the same uni. This was done in 24 hours in a hackathon using React, Flask, MongoDB and Auth0. We won best use of Auth0.
- A strong understanding of neural networks sparked projects such as image recognition and text classification as well as creating neural networks from scratch such as one that draws the sin function to fully test my knowledge.
- My interest also spread to quantum computing where I wrote a short paper about qubits and quantum algorithms as well as creating a quantum circuit simulator in python.

CONTACTS

📞 +44 7769 115180

✉ hoang.daniel2005@gmail.com

PROFFESSIONAL SKILLS

High Skill Programming in Python and Javascript
Full stack Development
VS Code
Strong Knowledge of MS Office Suite
Proficient in LateX
Strong and experienced mathematician
Quick typing skills
Native English, Strong Russian
Extremely quick learner

PERSONAL SKILLS

Reliable and Professional
Organised
Team Player
Motivated
Values-driven
Efficient
Resilient to fast paced and dynamic environments