Work Experience

Middlesex University – Student Services Advisor February 2022 – March 2024

- Front-line contact for students to resolve, advise or escalate inquiries concerning their finances, academic progression and welfare
- Nurtured emotional intelligence through handling difficult conversations with students
- Supervised and trained new members of the team and collaborated with the managers to ensure consistent operation of the service

Jeremy Gardner Associates – Fire Engineer Consultant August 2017 - March 2019

- Consulted with the client to discuss how their building design deviated from the British Fire Safety Regulations and provided them with innovative potential fire safe solutions
- Regularly liaised with architects to navigate a fire safe, practical and cost efficient approach whilst preserving their artistic design intents
- Deployed computational software to support fire strategies of complex designs by developing models to simulate adequate smoke control

Education

Masters in Artificial Intelligence September 2019 – November 2021

- Implemented an incorrect forward model in a statistical forward planning method to research the robustness of the method and this was conducted in a real time strategy game
- Implemented algorithms for data mining, information retrieval in search engines and to solve varying search problems such as finding the optimal route from one location to another
-Deployed different neural networks for image processing such as for increasing the quality of an image and in natural language processing e.g., sentiment analysis for film reviews

Integrated Four-year Masters in Mechanical Engineering 1st Class Honours September 2013 - July 2017

Major Projects:

- (2016-2017) Innovated an automatically adjusting hair clipper prototype using modelling software and assembling 3-D printed parts with electronic components
- (2015-2016) Built models and analysed heat controller methods for a room in MATLAB Simulink

Other notable projects:

- Utilised Excel to model, analyse and interpret data to produce cost efficient solutions when controlling sewage pollutant outfall of a company
- Built a model in MATLAB to simulate the operation of a two-link manipulator to test and refine performance
- Demonstrated instrumentation skills in projects with Arduino Uno boards, servo-motors and technical skills including crimping, soldering and breadboard wiring

Skills

	Computer software	**Languages**	**Microsoft Professional**
Python (intermediate)	MATLAB (basic)	English (native)	Word (advanced)
Java (intermediate)	VBA (basic)	Vietnamese (advanced)	Excel (advanced)
Modelling software e.g., SOLIDWORKS (intermediate)			Powerpoint (advanced)

Extra-curricular activities

- Mixed Martial Arts: boxing, muay thai and wrestling
- Weight lifting
- Bouldering
- Cooking