

## QUALIFICATIONS

2021 - 2025

### Liverpool John Moores University

BEng (Hons) Electrical and Electronic Engineering  
2:1 - IET Accredited Degree

2019 - 2021

### East Barnet School

A levels

- Design Engineering
- Computer Science
- Physics

2016 - 2019

### Mount Grace School

10 GCSE's

## ACADEMIC PROJECTS

- University Final Year Dissertation:  
Autonomous and intelligent robotics, sensor driven analysis with a custom machine learning model for image based identification.
- A level Engineering:  
Photogrammetry 3D Scanner - designed and prototyped with Fusion 360, 3D printing and physical modelling.
- A level Computer Science:  
Java project, incorporating relational databases, JSP, SQL, HTML, CSS and PHP.
- F1 in Schools:  
Worked as part of a team to design, analyse, prototype, manufacture and race a miniature F1 car, using Fusion 360, 3D Printing and CFD.

## PERSONAL PROJECTS

- Self-Hosted Homelab - Custom-built server running Proxmox for virtualised services, including home automation, network management, ZFS-based storage, and automated backups.
- Home Network Installation - Implemented a SDN system with VLAN segmentation for isolated networks and services.

## EMPLOYMENT HISTORY

### Marks & Spencer

*Food Operations & Logistics, Customer Assistant*  
August 2022 - Present

Responsible for daily back-of-house operations including delivery and stock management. Customer facing duties as part of the front-of-house team. Higher responsibilities including being store key-holder and being selected for management training.

### Jennings Building

August 2020 - September 2021

General building works including kitchen and bathroom fitting, decorating and landscaping.

## SKILLS

Arduino & ESP Programming - Advanced  
Proteus - Intermediate  
Python - Intermediate  
Plecs - Competent  
Matlab & Simulink - Competent  
Java - Intermediate  
Assembly Language - Competent  
Containerisation & Virtualisation - Intermediate  
Fusion 360 & 3D Printing - Advanced  
FPGA Programming (VHDL) - Competent

## ACHIEVEMENTS & TRAINING

- M&S 'Remarkable Colleague' 2025
- Emergency First Aid at Work (EFAW) - 2025
- F1 in Schools regional championship  
'Best Engineered Car' - 2021
- Presented at the Bett Show, ExCel London - 2020
- Duke of Edinburgh Bronze Award - 2018