

Nathan Price

JUNIOR FIRE SAFETY ENGINEER



Manchester, United Kingdom | nathan.price@gmail.com | +44 7456 139 274 | linkedin.com/in/nathanprice-fire

Fire safety engineering graduate from the University of Central Lancashire with a summer placement at a specialist fire consultancy. Contributed to fire strategies for **6 commercial and residential projects** with a combined value of over **£80 million**. Proficient in fire modelling (FDS, CFAST), evacuation simulation (Pathfinder), and BS 9999/BS 7974 design approaches, with a **2:1 (66% average)** in Fire Engineering.

EXPERIENCE

Fire Safety Engineering Intern, OFR Consultants, Manchester

Jun 2025 – Aug 2025

Completed a 12-week summer internship at a leading fire engineering consultancy.

- Contributed fire safety strategy sections for **6 projects** including high-rise residential, office, and mixed-use developments
- Ran **8 fire and smoke simulations** using FDS and CFAST to validate design proposals for atrium smoke ventilation
- Conducted **4 evacuation modelling analyses** using Pathfinder for buildings with occupancies of **500 to 2,000 people**
- Reviewed **15 sets of architectural drawings** for Approved Document B and BS 9999 compliance

Supermarket Assistant (Part-time), Aldi, Preston

Sep 2022 – May 2025

Worked shifts around university commitments in a fast-paced retail environment.

- Restocked shelves and operated tills, processing an average of **40 transactions per hour**
- Completed fire warden training and was designated fire marshal for the store during evening shifts

EDUCATION

BEng (Hons) Fire Engineering in Fire Engineering, University of Central Lancashire, Preston

Sep 2022 – Jul 2025

Graduated with Upper Second Class Honours (**2:1, 66% average**). Programme accredited by the Institution of Fire Engineers (IFE) and the Engineering Council.

- Final year project on performance-based smoke ventilation design for underground car parks, graded **71%**
- Relevant modules: Fire Dynamics, Structural Fire Engineering, Fire Safety Legislation, CFD Modelling, Human Behaviour in Fire

SKILLS

Fire Dynamics Simulator (FDS) • CFAST Zone Modelling • Pathfinder Evacuation Modelling • BS 9999 & BS 7974 Design • Approved Document B • Fire Strategy Report Writing • Smoke Ventilation Design • Structural Fire Protection • Drawing Review (AutoCAD, Revit) • Risk Assessment • Technical Report Writing • Stakeholder Communication

CERTIFICATIONS

IFE Graduate Member, Institution of Fire Engineers

Aug 2025 – Aug 2025

CSCS Green Card, Construction Skills Certification Scheme

May 2025 – May 2025

LANGUAGES

English - Native

EXTRA CURRICULAR ACTIVITY

Volunteer - Greater Manchester Fire & Rescue Service Community Safety

Jan 2024 – Jun 2025

Delivered **10 home fire safety visits** to vulnerable residents in the Preston area, checking smoke alarms and providing safety advice.