



MONTY JACKSON

PhD Researcher - Energy Efficiency

PROFILE

I am a current student of the MRes+PhD FIBE2 CDT at the University of Cambridge, where I am researching energy efficiency at both UK-wide and individual-building levels. I have a special interest in hospitals, where I am looking to streamline the energy intensive ecosystem by creating prototypical models to assess the existing stock within the UK.

CONTACT

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LINKS:
[LinkedIn](#)
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[EECI](#)

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HOBBIES

Water Polo
Rowing
Swimming
Reading

EDUCATION

MRes + PhD Energy Efficiency

University of Cambridge, 2023-present

Modules include Advanced Building Physics, Climate Change Mitigation, Statistical Signal Processing, Electricity and the Environment, Project Management, Strategic Management, Resilient Infrastructure, and Technical Challenges.

BSc Architectural Engineering, 1st Class

University of Plymouth, 2019-2023

Dissertation Title: Evaluating energy efficient standards in hospitals.

Accolades: Top mark and award for best project.

WORK EXPERIENCE

Sustainability and Building Physics Consultant

Buro Happold, June-July 2023

Preparing energy and decarbonisation reports on various science projects, simulating buildings for energy analysis, creating decarbonisation tools, and advising clients on innovative strategies for master planning.

Technical Services Manager

ISG Ltd, September 2021-August 2022

Managing the MEP and firestopping delivery of a new £70mn cancer centre, involving stakeholder engagement, chairing progress meetings, assisting with valuations, and collaborating on project reports.

Other work experience

Tutor, MyTutor, 2023-present

Sales Assistant, Halfords, January-July 2023

Student Ambassador, University of Plymouth, 2021-2023

Campus Coordinator, Stint, 2020-2021

Market Research Analyst, Radar One Media, 2020-2021

Dispensing and Accounts Assistant, Smallfield Pharmacy, 2020

SKILLS

Teamwork - Sports, group projects, and working life.

Leadership and project management - ISG, group projects at university, and leading the university's Swim and Water polo club.

Communication - Digital, verbal, and written throughout employment and education across diverse audiences.

Organisation - Time management throughout university and work life.

Data analysis and problem-solving - Ability to analyse, interpret, and present data in a technical, or high-level way.

Software packages - Revit, AutoCAD, IVE, DesignBuilder, Open Studio, Python, and Microsoft office packages.