Ryan Hughes

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College student applying for an engineering apprenticeship

PROFILE

Practical and curious Level 3 Engineering student with hands-on experience in the college workshop and a week's placement at a precision engineering firm. Strong in Maths and Physics, enjoys solving problems and keen to earn while learning towards a recognised engineering qualification.

EDUCATION

Level 3 Extended Diploma in Engineering (in progress), Preston College

Predicted Distinction | Preston | Sep 2023 – Jun 2025

- Units include Engineering Principles, Mechanical Principles, Computer-Aided Design and Machining Techniques

GCSEs, Ashton Community Science College

Preston | 2018 – 2023

- 8 GCSEs at grades 9–5, including Maths (7), English Language (5) and Combined Science (6-6)

EXPERIENCE

Work Experience Placement, Ribble Precision Engineering

Preston | Jul 2024 – Jul 2024

- Shadowed CNC machinists and helped check finished parts against drawings using callipers and micrometers.
- Followed the site's PPE and machine safety rules throughout the placement.
- Presented a short summary of the week to the workshop supervisor.

Weekend Assistant, Fulwood Bike Repairs

Preston | Mar 2023 – Present

- Carry out basic bike servicing, including brake and gear adjustments, under supervision.
- Explain repair options to customers and book jobs into the diary.

PROJECTS

Mechanical clock build

College project | 2024

- Designed gear ratios and parts in Fusion 360, then made 12 components in the college workshop.
- Tested and adjusted the mechanism until it kept time to within two minutes a day.

SKILLS

Technical drawings, CAD (Fusion 360), Measuring tools (callipers, micrometers), Hand and power tools, Health and safety, Problem solving, Teamwork

ACHIEVEMENTS

- Silver Duke of Edinburgh's Award (2024)
- Full UK provisional driving licence