

Kwame Mensah

Industrial Placement Engineer

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SUMMARY

Mechanical engineering graduate (2026, 2:1) with a year in industry at a manufacturing site and a final-year project that reached a working prototype. Comfortable in SolidWorks and on a shop floor. Looking for a graduate design or manufacturing engineering role.

EXPERIENCE

Industrial Placement Engineer, Pennine Manufacturing Ltd

07.2024 – 07.2025

- Supported the production line on tooling changes and fixture design, working with machinists to shorten a 45-minute changeover to 28.
- Produced 40+ SolidWorks drawings and updated the technical documentation pack for two product families.
- Ran time studies on three assembly stations and presented the findings to the operations manager.

Final-year project, University of Manchester

09.2025 – 04.2026

Designed and built a compact heat-exchanger test rig, from CAD through fabrication to instrumented testing; measured performance within 6% of the simulated model.

EDUCATION

BEng Mechanical Engineering, 2:1, University of Manchester

09.2021 – 06.2026

SKILLS

SolidWorks, AutoCAD, GD&T, FEA (Ansys, introductory), MATLAB, Manufacturing processes, Time studies & lean basics, Technical documentation, Prototyping & workshop skills

LANGUAGES

English (Native)

CERTIFICATIONS

IMechE Student Member, Institution of Mechanical Engineers (10.2023)