

OLIVER ADAM ROTHNER

ENGINEER

Contact

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Staffordshire 
ST21 6HA

08/10/2006 

Full 

British 

Professional Summary

I am currently completing my Maths A-Level with the NEC.

While studying I also currently work as Project Manager at Pro2Pro, a rapid manufacturing and low-volume production company. In this role not one day is the same, I have or will work closely with each and every department in this company gaining hands on experience in all aspects of the company throughout my year here.

I also completed a work placement at Pro2Pro in 2022, primarily in the 3D printing department, quickly gaining the trust to operate large, expensive equipment independently, some worth up to £300,000. During the second week, I rotated across multiple departments, including CNC, where I was mentored by peers and gained valuable expertise. Returning to Pro2Pro years later, I have leveraged my solid foundation to develop extensive skills across all departments, from shop floor operations to project management, client interaction, and independent R&D projects.

I am passionate about 3D printing and electronics, I received my first 3D printer at 15, and from a young age I have enjoyed taking things apart, understanding how they work, and reassembling them, often with my own improvements, fostering a lifelong curiosity in engineering and product development. Recently, I launched my own website to share my projects, journal, and insights on 3D printing and product design with the world.

Skills

- 3D Printing
- CAD Design
- Automotive Manufacturing
- Communication & Teamwork
- Document Generation & Management
- Software & Coding
- PPAP
- Research and Development
- Process Optimisation
- Computing
- Electrical Engineering
- Product Design



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Experience

PROJECT MANAGER

Jul 2025 - Present

PRO2PRO — Telford, Shropshire

- Manage projects across departments, optimising processes for efficiency and productivity while coordinating client communications.
- Operate and oversee FDM 3D printers, document processes, reports, and job registers accurately.
- Conduct research and development of new processes and projects; manage stock and resources effectively.
- Hands-on experience in Metrology, Finishing & Trimming, CAD, CNC, 3D Printing, Vacuum Casting, RIM & Injection Moulding, and Pattern Making

SOUS CHEF

Oct 2022 – Mar 2025

THE COCK INN — Woodseaves, Staffordshire

- Prepare ingredients and cook meals according to established recipes
- Assist Executive Chef with kitchen operations and preparation
- Multitasking between different orders and duties

WORK EXPERIENCE APPRENTICE

Jun 2022

PRO2PRO — Telford, Shropshire

- Worked with and operated a 3D printing machine (worth over £300,000)
- I was shown the injection molding machines, RIM machines and vacuum forming machines
- Oversaw the use of their precise measurement tools used when preparing reports

Education

A-LEVELS – ELECTRONICS (A), PRODUCT DESIGN (A), COMPUTER SCIENCE (C), MATHS (Predicted B)

Graduation Jun 2025 | SHREWSBURY COLLEGES GROUP

Graduation Jun 2026 | NATIONAL EXTENSION COLLEGE

GCSE'S - MATHS (7) COMBINED SCIENCE (6, 6), DESIGN AND TECHNOLOGY (8), COMPUTER SCIENCE (5), ENGLISH LITERATURE (5), ENGLISH LANGUAGE (6), GEOGRAPHY (6), RELIGIOUS STUDIES(6)

Graduation Jun 2023 | BURTON BOROUGH SCHOOL

Certifications

- PADI Advanced Diver
- Full clean driving license
- Duke of Edinburgh Bronze Award

References

References available upon request