

Oleksii Krainiuk

+44 7342 243184 | alex.krainyuk@gmail.com | kraini.uk

Summary

Highly proficient and results-driven CAD Designer and 3D Modeling Specialist with a Level 3 Diploma in Engineering Technologies. Proven track record in developing complex mechanical assemblies, integrated structural blocks, and high-precision machinery components using Autodesk Inventor. Experienced in executing Finite Element Analysis (FEA), material deformation simulations, and static stress analysis. Fully qualified and available immediately for full-time technical engineering and design roles across the United Kingdom. Comprehensive portfolio of design work deployed at **kraini.uk**.

Education

Cambridge Regional College Level 3 Diploma in Engineering Technologies (Grade: Merit) Level 2 Diploma in Engineering Technologies (Grade: Merit, Completed May 2025) • Core Specializations: Advanced Computer-Aided Design (CAD), Engineering Mathematics, Advanced Turning & Machining Operations.	Sep 2024 – Jun 2026 Cambridge, United Kingdom
Parkside Community College International Baccalaureate • Coursework: Mathematics, Economics, English, Film Studies, Russian.	Sep 2022 – May 2024 Cambridge, United Kingdom
Specialised School No. 62 Certificate of Complete Secondary Education (Specialised English-Language)	Sep 2012 – Jun 2021 Kharkiv, Ukraine

Skills

CAD & Design Engineering: Autodesk Inventor (2D/3D), GstarCAD, Parametric Modeling, Assembly Modeling, Technical Blueprint Drafting, GD&T, Sheet Metal Design, 3D Printing.

Simulation & Analysis: Finite Element Analysis (FEA), Static Stress Analysis, Mechanical Property Evaluation, Material Selection & Optimization, Safety Factor Verification.

Machining & Manufacturing: Advanced Turning (Manual Lathe), Drilling Machines, Workbench Tools, Electrical Soldering, Circuit Diagram Interpretation & Troubleshooting.

Languages: English (C1 Advanced), Ukrainian (Native), Russian (Native).

Experience

Peter Dann Engineering Intern • Executed advanced 2D and 3D CAD drafting operations using GstarCAD to convert rigorous mechanical and structural specifications into high-precision engineering and layout blueprints. • Conducted static stress analysis and basic Finite Element Analysis (FEA) models within Autodesk Inventor to validate material performance constraints and weight-to-strength optimizations. • Collaborated with senior structural engineers to inspect architectural and industrial blueprints, enforcing strict alignment with geometric dimensioning and tolerancing (GD&T) standards.	May 2026 Cambridge, United Kingdom
Engineering On-Demand, Springpod Virtual Engineering Design Intern • Completed targeted technical modules focused on advanced industrial design workflows, structural load diagnostics, and risk mitigation protocols. • Automated structural logic checks and analyzed professional compliance methodologies, cross-referencing mechanical asset configurations with strict UK industrial safety regulations.	Apr 2025 Remote, United Kingdom
Peterhouse, University of Cambridge Casual Catering & Event Assistant • Coordinate layouts and logistical setups for high-profile VIP events, managing strict time schedules and operational standards in high-pressure team settings. • Demonstrate exceptional teamwork, high punctuality, and verbal clarity within critical fast-paced environments.	Oct 2025 – Present Cambridge, United Kingdom
McDonald's Kitchen Crew Member • Maintained high-velocity output under rigorous health, food safety, and hazardous machinery sanitation protocols. • Optimized shift workflows alongside kitchen crew members to consistently meet demanding performance metrics during peak rush hours.	Sep 2022 – Dec 2022 Cambridge, United Kingdom

Additional Information

Work Authorization: Full Right to Work in the United Kingdom (No visa sponsorship required).

Mobility & Availability: Available for immediate start; open to nationwide relocation or field operations.