

Jonathan Lowe

Industrial Designer

curriculum vitae



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Personal Profile

Industrial designer with seven years experience. Working in-house, I have been able to create market leading products and be part of the whole process.

Experienced working with injection moulding, rotational moulding, CNC, extrusions, sheet metal, framework, fabrication and 3D printing.

Considered to be a disciplined, organised and creative individual with a passion for research, generating innovative ideas and communicating a product to clients, be that with prototypes, CAD or presentations.

Employment

Jonesco Plastics (2019 – Present) – Product Designer → Senior Product Designer

- Creating products within the environmental spill and commercial vehicle sector.
- Designs are subject to the highest standard of testing to meet the industry requirements, such as DiBt and UN approval. Tests are performed in-house prior to external approval.
- Products utilise in-house rotational moulding or injection moulding.
- Rotational moulding tools created combing sheet metal, CNC and framework.
- Product renderings for use in promotional material.

Rhino Products (2016 – 2019) – Junior Design Engineer → Design Engineer

- Designing aftermarket commercial vehicle accessories.
- Maintaining products to industry standard whilst constantly improving previous iterations, working with complex assemblies and creating engineering drawings for manufacturing process.
- Produced various sheet metal (laser cut, punched, formed), injection moulded, aluminium extruded and welded parts.
- Meticulously documenting every aspect of the design process to conform to ISO9001 standard.
- Creation of product assemblies and shop floor instructions important in creating consistent quality.
- Rhino purchased AVS Steps during my employment. This takeover resulted in considerable amounts of reverse engineering, BOM updates and upgrading the product range.
- Created one of the company's latest flagship products, the Aluminium Ladder, which underwent TUV testing and approval.

The Hogfather Custom Motorcycles (2016) – Work Experience

Aided the development of their custom motorcycle sector. Designed advertisements for national magazines and re-designed website to reflect current trends. Also worked with social media and sales to help promote the brand and the company values.

Gap Year (2014-2015) - Australia, Thailand, Vietnam

Character building and personal development during independent travel. Including a skydive, PADI diving certification, bungee jump and farm work. Living abroad has immersed me in different markets, products and approaches to problems.

Skills

Design Tools

Solidworks
Autodesk Inventor
Photoshop
Illustrator
3D Rendering
FEA
3D Printing
Sketching
Model Making

Extra Attributes

Research
Client Presentation
Teamwork
Project Management
Assembly Instructions
Product Testing
Faro Arm Metrology

Interests & Hobbies



Education

Quadra Solutions - Autodesk Inventor - Sheet Metal (2021)
- Autodesk Inventor - Solid Modelling for Experienced 3D Users (2020)

Three and two days courses respectively, undertaken to aid my transition from Solidworks to Inventor.

CCSL Solidworks - FEA Simulation (2018)

Three day course covering the entire Finite Element Analysis process. This included case studies to develop techniques and best practises.

Staffordshire University (2011-2014)

1st Class Ba (Hons) Product Design
Final year project - Last Resort Fire Escape Device
Exhibited at 'New Designers' - Featured on "Tasty Tech Eye Candy of The Week" (Discovery News Channel)

KGV College (2009-2011)

Art Electronics Maths

Merchant Taylors

9 GCSE's A-D - A in Design Technology

Location

Liverpool based.
Open to remote / hybrid working.