



Consultant - Models and Prototypes

Reports to: Senior Consultant-level

Location: London

Summary

To enable the Development Centre to deliver high-quality functional and visual models and prototypes to the design studio. To provide consultancy to PDD's designers on how things can be best made to achieve the desired outcome of the model. Creating 2D & 3D CAD for part manufacture and prototype test support.

Key Responsibilities & Accountabilities

- Producing parts manually from drawings
- Finishing CNC machined parts or outsourced rapid prototyped parts
- Set up and support SLA and FDM machines, parting finishing plus general maintenance
- Creating Silicone tools and operating vacuum casting machinery to produce high quality resin castings
- Applying spray finishes to parts with colour and texture matching
- Metrology of parts using PDD's equipment to ensure adherence to specified tolerances
- Assembly of parts into finished models
- Understanding of and compliance with PDD's quality system
- Support stock material ordering
- Support the maintenance and general up-keep of the Development Centre
- Despatch of models in secure packaging
- General building and facilities support, advising Operations Management as necessary

Requirements

- Excellent hand model-making skills
 - Manual machine competence
 - Use of 3D CAD to assist in the inspection and assembly of parts into finished models
 - Direct NC programming of lathe
 - Competency on a laser cutter
 - Competency in 3D printing
 - Attention to detail
 - Numeracy
 - Inter-personal skills
 - Organisational skills
 - Creative thinking and problem solving
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About PDD

PDD is a leading innovation consultancy, creating products and experiences that enhance businesses and improve people's lives.

With a unique multi-disciplinary approach rooted in human-centred design, PDD helps customers in the healthcare and consumer sectors achieve commercial and creative success. Our global team of researchers,

designers, and engineers work together to uncover opportunities, manage risks, and deliver appealing, feasible, and sustainable solutions.

We are committed to a workplace environment that promotes diversity across all our studios. This commitment applies to the talent we hire, the customers we work with, and the people we interact with on our projects.

With studios in London, Shanghai, and Hopkinton MA, we partner with some of the world's leading companies and ambitious startups to deliver meaningful innovation that makes a tangible difference to people's lives.

At PDD, our culture is defined by diversity, inclusion, and curiosity. We are a team of inquisitive, collaborative, and highly motivated individuals who apply creativity and dedication to everything we do.

We offer competitive pay, excellent benefits, opportunities for international travel, and a chance to engage with colleagues at professional and social events.

To apply for this position, please email careers@pddinnovation.com with a cover letter and your CV.