Toby Osmond CV



Toby A Osmond
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Personal Statement

I am a skilled CAD Designer with a passion for blacksmithing, fencing and video games. My greatest strength is my ability to code and drive to make every process efficient and hassle free. This not only cuts down on the time it takes to complete a task, but also decreases the chance of error. I have honed and utilised this skill to speed up repetitive tasks where appropriate.

I also have an excellent working knowledge of different materials and processes, including experience with casting polyurethane, water-jet cutting porcelain as well as CNC operations involving aluminium and steel products. I put this knowledge to good use when approaching a problem and draw upon my experience to find a practical and comprehensive solution.

Experience

- Technical Designer at Trimline Group (2024 -Current)

At Trimline I ensure technical drawings are completed rapidly and accurately. I have designed macros to work with Solidworks, resulting in 70% of drawings be completed on the same day they were requested. Moreover, it resulted in a substantial increase in accuracy and clarity.

I also created the Building Specification Library, complete with accurate textures and technical data which aided in several high value contracts, and ensured it suited NHBC waterproofing standards. Waterproofing for both interior and exterior applications was a key focus of this, and I worked with our team to make sure our standards were comprehensive and easy to understand.

Recently, I took on more responsibilities, in the form of Google Ads and social media management for Tilers Gear, which I manage as well as my technical responsibilities. I took this on with no prior training and within my first few months have generated an average return of £8 revenue for every £1 spent on ads..

- Graphic Designer at MMS (2023 - 24)

At MMS I ensure the successful delivery of a range of marketing materials from print banners at the Milwaukee 2024 Stockholm Conference to the Ryobi Deals of the week. I delivered these on time and to a high quality, ensuring the client's marketing campaigns ran without a hitch.

I was able to streamline the production process by creating scripts for Adobe InDesign and Photoshop that resulted in a massive increase in efficiency and also reduced the chance of human error for repetitive projects like business cards.

- Design Engineering Placement at Powerflex (2020-21)

At Powerflex I designed, manufactured, and marketed new products.. In this time I redesigned and improved many products as well as creating new designs for cars like the Ford KA, Toyota Yaris GR and Aston Martin V8 Vantage.

This involved designing washers, moulds for polyurethane parts and testing to ensure the parts performed properly. These designs were from conception to technical drawing, production, and shipping. Design considerations included extremes of car usage, such as salty water conditions to high temperatures experienced in arid climates, as well as on exhaust components.

References and Portfolio available upon request

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Proficiencies

CAD Software

Solidworks	●●●●●
Rhino	●●○○○
Sketchup	●●○○○
Autodesk Inventor	●●○○○
AutoCad	●●●○○
Cura	●●●●○

Microsoft Office

Word	●●●●●
PowerPoint	●●●●○
Excel	●●●●●

Adobe Creative Suite

InDesign	●●●●●
Photoshop	●●●●●
Illustrator	●●●●○
Premiere	●●●○○
Audition	●●○○○

Coding Languages

Python	●●●●○
C++	●●○○○
Javascript	●●●●○
VBA	●●●●○

Strengths & Soft Skills

- I am a great team player.
- I can communicate effectively and efficiently.
- I can work to a deadline.
- I am great at handling extra responsibility.
- I have a strong attention to detail.
- I am an excellent problem solver.
- I am strongly motivated.
- I am a fast and motivated learner.
- My coding knowledge allows me to streamline processes with bespoke solutions, increasing efficiency and accuracy.
- My range of experience allows me to adapt quickly and effectively to new systems and software.
- I can deliver presentations accurately and concisely.

Qualifications

- *Product Design Engineering Degree (Brunel University)*
  Included modules in CAD, Electronics, Coding, Design for Manufacture and Computer Simulation/Modelling.

- *4 A-Levels Graded A*-C*
  I studied Mathematics, Computer Science, Physics and Design Technology.

- *11 GCSEs A*-B*
  4 A* Grades including an A* in Mathematics and a B in English Language.

- *Full UK Driving License*

- *Japanese Level 3 (Brunel University)*

- *Qualified Lifeguard (2018 - 2020)*

To view my portfolio or see more about me please visit my website

References and Portfolio available upon request