

# Jake Boulton

Product & UX Designer, XR Developer and Hobbyist Blacksmith

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A motivated, detail-oriented, and flexible individual skilled in product design & development, communication, education and various forms of digital software with a passion for learning new skills and problem-solving. Capable of leading projects and working under time constraints.

## EXPERIENCE

### **Felsted School, Felsted — Design & Technology Maternity Cover Teacher**

February 2021- July 2021

- Teaching from ages 13 - 18 including GCSEs, A-levels & Interaction Baccalaureate (IB)
- Planning lessons for both Theory and Practical sessions.

### **Flexi Stair Ltd, Dunmow— R&D Coordinator**

August 2016 - March 2020

- Researching new products ranging from manufacturing jigs to new ventilation grillages.
- Design JIGs to aid and improve manufacture, increase the efficiency of fabrication and reduce any health risk for fabricators.
- Overseeing the design and prototyping stages of product development.
- Using CAD and other digital design methods to convey new designs to employers and clients.
- Meeting with companies to organise the manufacture and delivery of parts and materials for individual projects.
- Sourcing information, guidelines and national standards for new technologies and materials that have potential use in projects.

### **Power Construction Hertz Ltd, Dunmow— Labourer & Driver**

MONTH 20XX - MONTH 20XX

- This role included setting up sites for skilled workers such as carpenters and bricklayers. Alongside this, I would aid them in their daily tasks and help clean up throughout and at the end of the day.
- Driving a tipper lorry was also part of my responsibilities. This required me to load waste material for disposal, pick up and deliver materials to the site and deliver tools.

## SKILLS

- Blender
- Maya
- Unity
- KeyShot 9
- SolidWorks
- Rhino 3D
- Adobe Photoshop
- Adobe Illustrator
- Adobe InDesign
- Affinity Publisher
- Microsoft word
- Microsoft Powerpoint
- Microsoft Excel
- Visual Studio Code

## AWARDS

**Current Finalist of Innovate UK Immersive Tech Awards -** Group member of BeatBoxVR in the Technical innovation category.

**Current Finalist of Digital Heritage 2024 -** Digital Heritage seeks proposals for a cutting-edge immersive digital exhibition to engage young, international audiences with the history of the Great Bao'en Temple.

**Level 2 Ski Instructor -** Fully qualified under the Canadian Ski Association (CSIA) as a Ski instructor.

## FURTHER EDUCATION

### University of London, Goldsmiths, London — *Master's Degree*

October 2023 - present

MA Virtual and Augmented Reality: 3D Graphics and User Experience

### University of the West of England, Bristol — *Undergraduate Degree*

September 2016 - May 2020

BSc Hons Product Design technology - 2:1

## EDUCATION

### Felsted School, Felsted

September 2004 - June 2016

A-Levels

Design & Technology,  
Business Studies, and  
Physical Education

GCSEs

1 A\*, 5B, 3C and 1D (including  
Maths, English and Sciences)

## SKILLS & ACHIEVEMENTS

### Communication

I developed my communication skills in many different working environments. Learning to not only clearly put across my opinions but also understand the opinions of others to draw out the best outcome in team environments.

### Teaching

Recently certified as a Level 2 Ski Instructor through CSIA (Canadian Ski Association). From this, I used techniques and knowledge from teaching at Felsted to take charge of a group and guide them in a

### Organisation & Planning

At university, I was one of two selected to be Project Manager for the 2nd Year Exhibition Show responsible for organising and managing several teams. The teams were tasked with the layout of the exhibition, creating a graphical template for fellow students to show their work and organising amenities for visitors. This role helped to demonstrate my ability to manage multiple teams, work under a tight time constraint and produce a professional standard event.

### Interpersonal

At Felsted School, I was appointed Head of Montgomery's House. I used this as a way to get more pupils to engage in school activities, sports and events. I was also able to use these skills in my role as the 3rd year Product Design student representative to properly understand the issues my coursemates had and how to address them in meetings with university staff.

## HOBBIES & INTERESTS

My passion lies within skiing which is why I chose to get qualified as a ski instructor. I also love to keep on top of my skills so will happily sit down at the weekend to draw and have also been teaching myself 3D Product and Environment design to work on visualisations. Developing new skills is also very important to me and I recently spent some time working with a blacksmith learning the fundamentals to learn to make Chef knives.