

# isaac anderson

ux designer

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I'm an experienced engineering design graduate who has spent months delving as deep into the world of UX as possible.

While doing this, I've [created an events app](#), [redesigned a parking app](#), and completed an [extensive critique on an eBook streaming service](#). I've taught myself how to code, combining this with my design knowledge to [build six different versions](#) of my personal portfolio website – the last of which has been [showcased by TextPattern CMS](#). Adding to this, I've also explored behavioural design, focusing on areas such as how behaviour can be influenced, the conditions required for an action to be taken and how habits are formed – as well as studying the products that have been designed based on these principles.

Combined with my previous, in-depth research into [brainstorming, ideation and concept development](#), as well as my experience developing websites, I'm confident that I can effectively turn user needs into products that they'll love to use.

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## PROFESSIONAL EXPERIENCE

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### University of Bath (Pre-sessional Assistant)

*June 2017 – Sep 2017*

- Worked closely with external venues, companies and suppliers to organise various trips to cities in the South West, a conversational club with Widcombe Baptist Church, and two farewell events for nearly 600 students.
- Created, promoted and lead social and cultural events and activities for students enrolled onto the University's 2017 pre-sessional language courses, and supported teachers by participating in seminars and lectures.
- Identified a long standing registration issue with the campus medical centre through a casual conversation with the receptionist – and then solved it, increasing the proportion of registered students to virtually 100%.

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### [Institut Polytechnique de Grenoble](#)

**(Design Researcher)**

*Jan 2016 – June 2016*

- Worked with a team including postgraduates and professors on a 3D printer that used EBM (electron beam manufacturing) methods to build metallic parts.
- Created design prototypes (and production drawings) through an iterative process of research, testing and interviewing that allowed the solution to be integrated into the existing setup, while also meeting stakeholder requirements.
- Reduced the initial amount of powdered alloy used in the process by 95%, hence lowering the Department's overheads by cutting the initial investment on purchasing the alloys and associated storage costs.
- Decreased the set-up time of the machine by over 80%, which allowed different alloys to be printed, tested and analysed quicker.

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### [Griffon Hoverwork](#)

**(Detail Designer)**

*July 2014 – July 2015*

- Worked closely with engineers, architects, procurement, production manufacturing the 12000TD, a new 80-seater passenger craft.
- Independently worked to tight deadlines on the craft's main cabin, producing designs that were built and fitted days after approval, in a design department that was significantly reduced in size for external reasons.
- Introduced a streamlined engineering change request system by removing unnecessary red tape around the process, which ultimately increased successful requests by around a third in six months.

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## EDUCATION

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2017 – 2019

### ***UX and Front-End Web Development Studies***

*Key Topics:* Front-End Web Development, Behavioural Design, User Experience Design (including Information Architecture and Interaction Design), User Interface Design, SEO.

University of Bath

2012 – 2018

### ***MEng (Hons) Mechanical Engineering with Advanced Design and Innovation***

*Key Topics:* Innovation & Advanced Design, Product Design & Development, Costing for Engineering Design, Computer Aids for Design, Business Processes.

City and Islington Sixth Form *A2 Levels:* Mathematics (A\*), Further Mathematics (A), Physics (B).

2010 – 2012

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## POSITIONS OF RESPONSIBILITY

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### **LGBT+ BME Representative**

- Worked closely with BME students, empathising with their problems, understanding their perspective and needs, and used past experiences to provide potential solutions to their concerns.
  - Represented the interests of BME members on the committee, and created events that aimed to remove barriers on these students participating in the society.
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## AWARDS, SKILLS & SOFTWARE

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### **Web Development**

- HTML (including *Bootstrap*, *Textile*), CSS (including SASS), JavaScript, Git.

### **Design & Prototyping**

- Design (*Lunacy*, *Sketch*, *Illustrator*), Prototyping (*Invision*, *Marvel*).

### **Additional Software**

- CMS (*WordPress*, *TextPattern*), 2D/3D CAD (*SolidWorks*, *SolidEdge*, *DraftSight*), Microsoft Office (*Word*, *Excel*, *PowerPoint*, *Outlook*).

### **[TextPattern CMS Showcase Entrant](#)**

- Portfolio is one of only nine websites to be showcased on TextPattern CMS, alongside the site of the graphic designer behind the Firefox & MailChimp logos, and an award-winning creative agency.

### **Experienced Driver**

- Clean licence holder, experienced in the UK, Europe and Africa.
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## ACTIVITIES AND INTERESTS

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### **Tennis and Squash**

- Largely self-taught tennis player since 2012 and member of the University Tennis Society. Now learning to play squash (again, un-tutored).

### **Fitness and Health**

- Preparing for the *Bath Half Marathon 2019* (finisher in 2015), finisher of the *New Forest 100*.

### **Volunteering**

- Talked with potential students and parents at various open days for the University of Bath, former Pride Maker, and fundraiser for the Huddlestone Centre.