

## Xiao ZHAO BSc, PhD

Email: [zhaoxiao20071106@gmail.com](mailto:zhaoxiao20071106@gmail.com) | LinkedIn: <https://www.linkedin.com/in/xiao-zhao-94bb9571/>

Mobile: 07803090368 | GitHub: <https://github.com/xiaozhao1111> | Location: Southampton

### Professional Profile

---

I am an aspiring junior front-end developer, new to the industry, having re-skilled from my previous role as a research scientist, via an intensive 16-week coding boot camp. I specialize in JavaScript ES6, HTML, and CSS and am looking for my first entry-level role in the technology industry.

### Key skills

---

#### Front-end fundamentals:

- HTML
- CSS
- JavaScript ES6
- Git/GitHub
- User experience design

#### Developing with APIs

- DOM manipulation
- jQuery library
- Third-party APIs
- Data extraction and retrieval
- Web APIs

#### Developing with Modern Front-end Frameworks

- Bootstrap
- Node.js
- React.js
- Netlify
- OOP
- Unit testing

### Career Summary

---

#### Nov 2022 – March 2022      Student      edX Bootcamp in Front-end Web Development

- Intense learning of Front-end fundamentals, developing with APIs and modern front-end frameworks
- Create visually-compelling page layouts using UX design principles
- Maintain code versioning and work across distributed teams using Git and GitHub
- Master of the foundations of object-oriented programming paradigms
- Build modern web applications with industry-standard frameworks (Node, React), server-side APIs, and Bootstrap framework
- Deploy web-based applications using Netlify

#### Key achievement

- Completed group projects with two other classmates and got full score

#### Jan 2017 – Sep 2022      Research Scientist      University of Southampton, UK

- I am the lead researcher on a £475k project to design and make replacement heart-valve products. It's innovative work with a good degree of problem-solving as none of this has been done before. I use python script and CAD software regularly, which I have self-taught myself, plus I create periodic data, metrics, and project analytics to measure our project progress.
- Generated project technical reports and maintain communication with the project partners.

#### Key achievements

- Met the milestones to deliver two kinds of novel replacement heart valve designs and established the testing procedure for the designs
- Trained 4 junior researchers working at the 3D printing lab
- Published 14 peer-reviewed papers in international journals and presented the research works at 2 internal conferences

## Qualifications

---

### **Huazhong University of Science and Technology, CN**

- Sep 2011 – Jul 2016      PhD in Materials Science and Technology
- Sep 2007 – Jul 2011      BSc in Materials Science and Technology

## Hobbies

I am an enthusiastic, self-motivated, reliable, responsible, and hard-working person. I like hiking, reading, and playing video games in my free time.