

Kimberley Dobney

FRONT END/UX ENGINEER

Profile



As a methodical front-end developer with a design background, I've dedicated the last two years to Dyson as a UX engineer. Specializing in front-end development for IoT products and web apps, I excel at swiftly translating designer concepts into functional code. Proficient in JavaScript and UX concepts, I've played a pivotal role in improving collaboration between developers and designers. I've designed user trials, implemented their results and presented my work to stakeholders. Here's my [portfolio](#), I'm unable to share my work at Dyson due to NDA's however I'm working on some playful freelance projects which I will add soon.

Previous Employment

UX Engineer

Dyson

March 2022 - Jan 2024

- Developed and deployed web apps using JS, HTML, CSS, JSX, and Framer.
- Worked within Agile Scrum teams and version-controlled code using Git.
- Conducted user trials with A/B testing and optimised interfaces from the results.
- Debugged remotely for international teams.
- Created responsive embedded rigs in Python and C++, using controller boards such as Arduinos and Raspberry Pi.
- Developed reusable interface prototyping tools using statemachines allowing designers to prototype quicker.

Brand Developer

WASE

August 2020 - July 2021

- Worked alongside external developers to improve the accessibility of the site, the SEO and the UX of the CTAs.
- Redesigned internal and external brand presence using Adobe Creative Cloud.
- Liaised with stakeholders and taught employees how to implement the new brand package.



Co-founder

Turn and Flow

August 2019 - November 2021

- Developed a product-service system to incorporate menstrual waste into mainstream composting systems.
 - Optimised our site and social presence allowing us to crowdfund £23k for a study at Cranfield University.
 - Developed our brand and video content using Adobe Creative Cloud as well as coding custom elements for our Squarespace website.
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Related Experience

- Volunteer Instructor at IO academy teaching JS.
 - Participated in SOFTER Digital Futures festival in Copenhagen.
 - Attended Peckham Digital to gain insight into diversifying working practices and improving code-design collaboration as a Developer.
 - Participated in an 8-hour Hackathon at Dyson creating an anonymous React Mood tracking App.
 - Delivered workshops to year 8 students as part of the James Dyson Foundation.
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Education

Full Stack Software Development

iO Academy

A four-month intensive Bootcamp in full-stack software development.

Product Design Engineering BSc

Brunel University London (2:1)

A three-year degree with one year model making placement.

Professional Achievements

Certified Scrum Master 2021 - Scrum Alliance

Oatly Je Ne Sais Quis Award - Turn and Flow 2020

D&AD side-hustle awards finalist - For Turn and Flow's creative direction and branding



Contact

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