

## Contact Me

### LinkedIn Profile:

- [Samantha Dorrell](#)

### Online Portfolio:

- [My Portfolio](#)

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# Samantha Dorrell

## Software Engineer



## Tech Skills

### Web Languages:

- JavaScript
- HTML5
- CSS3

### Scripting Languages:

- Node.js
- Python

### Frameworks & Libraries:

- React
- Flask
- Django
- Express
- EJS
- Bootstrap

### Databases:

- NoSQL - MongoDB
- SQL - PostGres

### TDD:

- Jest
- PyTest
- React Testing Environment

### Security:

- Salt / Hashing / OAuth2 / bcrypt / authentication & authorisation

### Source Control:

- Git
- GitHub

### Others:

- RESTful API's
- Project boards - Kanban, Trello
- Designing and templating / wireframing using tools such as Excalidraw, Draw.io, Figma & Canva



## Relevant Work Experience

### Web Designer - Volunteer Work

Leadersmith Consulting Ltd, a global company that provides leadership development and coaching.

August 2021 to September 2021

[www.leadersmithconsulting.com/](http://www.leadersmithconsulting.com/)

- Redesigned the company website to be more user-friendly, interactive and engaging.
- Added SEO for searchability and to get more visitors.
- Added responsiveness so it worked across all devices.
- Added code to make it more accessible using ARIA best standards.
- As a solo project, I communicated clearly with the client keeping them up-to-date on my progress and listening to their requirements.

### Web Designer - Volunteer Work

The Laundry Hub, a local laundrette

Oct 2021

[www.ourlaundryhub.co.uk/](http://www.ourlaundryhub.co.uk/)

- Redesigned their website to fix broken content.
- Added contact forms for potential customers to access their delivery and collection services.
- Added SEO and ARIA accessibility. They now have a larger client base, with regular customers.
- As a solo project, I communicated clearly with the client keeping them up-to-date on my progress and listening to their requirements.



## Other Work Experience

*I have previous experience of working across a variety of industries, including (past 12 years):*

- Artist and Author (most recent)
- IT Administrator / Data Entry / General Office duties
- Childcare and Education



## Soft-Skills

- Good, clear communication skills - Both written and verbal - English native language
- Ability to work solo or in teams effectively.



## Member and Interests

### Member of:

- The Very Group Hackathon  
*28th January 2022*

### Interests:

- Gaming!
- All things Technology and Gadgets
- Music
- Reading
- Movies
- Art
- Nature
- The Environment
- Space
- Animals
- Mental Health



## Projects

*A few of my favourite projects:*

- [Story Mashups](#)
- [Habi-Trax](#)
- [Risky Quizness](#)
- [Artemis Camping](#)
- [React Calculators](#)
- [Angular Todo List](#)
- [React Tic-Tac-Toe](#)
- [UE4- Bull Cow Game](#)



## Education

### Graduate of Software Engineering

Institution: Futureproof Academy

*Date of Graduation: 12th August 2022*

**Details:** An intense 13 week Bootcamp split into LAPs (Learn, Assignment and Project Weeks)

### Projects: Working in teams of 4 or 5

#### LAP 1: Story Mashups

Inspired by my own daughter and experiences, this app was made for children aged 6+ to practise their creative writing and reading, written in HTML, JS and CSS.

#### LAP 2: Habi-Trax

We had to create a habit tracker app using Docker, node.js, express and Postgres.

#### LAP 3: Risky Quizness

Using React, we had to create a trivia quiz app. We also had to implement the app with web-sockets to make it playable both locally and online.

#### LAP 4: Artemis Camping

Our final project had to use Python. We could create anything we wanted using the skills we had learnt over the last 13 weeks. So, this app was an organisational camping and hiking app, where you can allocate members of your group tasks or items to bring, as well as a budget tracker, and APIs for maps and weather forecasts.

### Completed 2019 Web Development Bootcamp

Institution: Udemy Online

*Year of Completion: 2019*

### Level 3 CACHE Diploma in Childcare & Education

Institution: Amersham & Wycombe College

*Year of Completion: 2005*

### Foundation in Art & Design

Institution: Buckinghamshire Chilterns University College

*Year of Completion: 2000*

### A Level in Art

Institution: Mandeville Upper School

*Year of Completion: 1999*

*Grade: B*

### GCSE's

Institution: Mandeville Upper School

*Year of Completion: 1996*

*Grades: A\* to D including Maths(C), Science(C/C) and English(C/C)*