Sophie Stammers
Web Developer

sophie.stammers@gmail.com ✉

ammersive.github.io/portfolio 🖥

ammersive

Background in **academic research** (philosophy and cognitive science), **lifelong learner**. Brings the experience of **systematic thinking** across a variety of problem domains, and the ability to **communicate complex concepts** to web development work. Enjoys building applications **underpinned by tidy, scalable, maintainable code**, with UIs which make abstract information **easier to understand and navigate**, and which facilitate **effective decision making**.

Skills

Languages > HTML5, CSS, JavaScript, PHP, MySQL

Frameworks, Libraries, Tools > React / Redux, Laravel, Sequel Ace, REST APIs, Git, Github, Gulp, npm, Vagrant, Bootstrap

Practices > Object-oriented and functional programming, Test Driven Development, pair programming, responsive design, user-testing, OOCSS, SASS, scamping, wireframing, web accessibility, database design and schema migration

Self-starter > Post-doctoral research and project management experience, lifelong learner, technical writing, documentation and reporting, Kanban, Trello, Agile

Interpersonal > Stakeholder relationships, team working (including remote team work), integrating user feedback, technical training - design and delivery, conference presentation experience

Projects

Save Our Play > Fair game series generator

React-Redux | Laravel

A tool that enables a pool of people who regularly play a team sport to plan a fair series of matches, respecting COVID restrictions. Features: track games assigned to individual players, draw players by play-count, randomly shuffle teams, auto-generate team names.

Link | Code repo (front-end) | Code repo (back-end)

Subscriptions Tracker > Subscriptions management tool

React-Redux | Laravel

Arrange and manage subscriptions (e.g. gym membership, entertainment) on the basis of key information: including monthly cost, spend so far, and days to cancel. Add, edit, delete, and sort subscriptions by cancellation date or category.

Link | Code repo (front-end) | Code repo (back-end)

Javascript Ulam Spiral > Patterns with prime numbers

HTML, CSS, Javascript

A project to generate an Ulam spiral - a way to order the natural numbers which visually demonstrates regions with high densities of primes – in Javascript. Read an article about designing the spiraling algorithm and broader project motivations here.

Link | Code repo

See more: ammersive.github.io/portfolio

Education

Develop Me | Full Stack Software Development

September 2020 - January 2020, Bristol / Remote

Comprehensive, **project-driven**, 4-month bootcamp course in software development using the web stack.

King's College London | PhD in Philosophy, AHRC full funding

September 2012 - August 2016, London

Specialised in **cognitive bias** (subtle biases that manifest automatically in judgements and behaviour). Doctoral thesis **outlined strategies** for individuals and organisations to **control the manifestation** of cognitive bias.

University of Nottingham | BA (1st), MA (Distinction) in Philosophy

September 2006 - September 2010, Nottingham

Modules in **philosophical logic**, philosophy of mathematics, **philosophy of AI**, and **research methods**. Thesis on implications of neuroscience for free will.

Employment

University of Birmingham | Research Fellow, project PERFECT

September 2016 – April 2020, Birmingham / Remote

Interdisciplinary research team, investigated irrationality and mental health, **produced strategies** to **improve clinical encounters** and **public wellbeing**.

- Single & co-authored **published research** in international peer-reviewed journals.
- **Project development** in collaboration with stakeholders.
- Disseminated **research-led training** (to professional institutes, charities, NHS trusts) and delivered public engagement activities.

Parliamentary Office of Science and Technology | Fellow

April 2015 - August 2015, London

POST fellows provide analysis of public-policy issues related to science and technology. In this role I:

- Produced a series of **policy papers** on the impact of cognitive biases on the justice system, which **informed parliamentary debate and judicial training.**
- **Liaised** with think-tanks, research institutes, members of the judiciary, to ascertain current knowledge and **needs of stakeholders**.

King's College London | Teaching Assistant

September 2012 - July 2015, London

Taught **philosophy and neuroscience undergraduates**, various modules.

2006 – 2012: PR consultant (tech sector), Project management (green tech events), Case study writer (green & clean tech projects): FT & PT. Info on request

Hobbies

Rock-climbing, hiking, guitar/accordion for Bristol folk band Other Tongues

References available on request