NIAMH BROCKBANK

🌐 niamh-brockbank.netlify.app

🔗 @niamhbrockbank
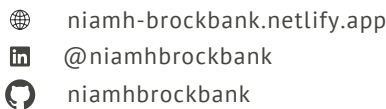
⎇ niamhbrockbank

WORK EXPERIENCE

Trainee Software Engineer

Academy   April - Oct 2022

- Collaborated in agile team to deliver full-stack and front-end projects in TypeScript.
- Led planning and retrospective meetings in line with agile principles.
- Chaired retros and daily stand ups.
- Gave weekly presentations on project progress to wider team.

Graduate Structural Engineer

Momentum Engineers   Feb - Dec 2021

- Communicated directly with clients to ascertain their needs and create tailored deliverables.
- Delivered highly detailed designs on fast-paced projects.

Undergraduate Researcher

University of Bath   Jun - Sept 2019

- Visualised key research data using Python.
- Collaborated with international industry experts to obtain relevant data and guidance.

Trainee Civil Engineer

Mott MacDonald   July 2017 - July 2018

- Delivered realistic tender estimates in a fast-paced environment.
- Communicated with inter-disciplinary project teams.

VOLUNTEERING

Digital Librarian

The StoryGraph   Jan 2022 - Current

- Work in a fast-paced start-up environment.
- Maintained book records to high degree of accuracy.

Student Ambassador

University of Bath   Nov 2018 - Mar 2019

- Presented design brief to a large group of incoming students.
- Supervised a group of students in design task.

TECHNOLOGIES

Front-End	JavaScript, TypeScript, React, CSS, Bootstrap, Firebase
Back-End	Express, PostgresSQL, Socket.io
Testing	Cypress, Jest

RELEVANT PROJECTS

Eisenhower Matrix

priorities-measure.netlify.app

- Built using TypeScript, React, Express, Firebase and Socket.io
- Styled with styled-components and Bootstrap
- E2E tests written with Cypress and unit tests written in Jest

Resources Sharer

c5c1-frontend.netlify.app

- Built using TypeScript, React, Express, and Bootstrap
- E2E tests written with Cypress

Software Portfolio

niamh-brockbank.netlify.app

- Built using TypeScript, React, SCSS, React Router

EDUCATION HISTORY

Civil Engineering MEng (Hons)

University of Bath   Sept 2015 - Jun 2020

- First-class honours degree (72%)
- Key Modules: Computer Applications, Mathematics, Advanced Research Dissertation, Risk and Uncertainty, and Public Health

Other Qualifications

De Lisle College   Sept 2011 - Jun 2015

- A2 Levels A*AA in Maths, Physics and Art
- AS Level B in English Literature
- GCSEs 8 A*s 3As, A*s in subjects including Maths, English, Science, and Art