



# NIAMH BROCKBANK

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 niamh.brockbank@gmail.com

 @niamhbrockbank

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## WORK EXPERIENCE

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### Trainee Software Engineer

Academy June - Oct 2022

- Collaborated in agile team to deliver full-stack and front-end projects in TypeScript.
- Led planning and retrospective meetings.
- 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 in collaboration with cross-disciplinary teams
- Built and analysed analytical models for complex systems

### Undergraduate Researcher

University of Bath Jun - Sept 2019

- Communicated my key research findings using Python to visualise three-dimensional data.
- Collaborated with international industry experts to obtain relevant data and guidance.
- Planned and carried out methodical testing and analysis regime.

### Trainee Civil Engineer

Mott MacDonald July 2017 - July 2018

- Delivered realistic tender estimates, from limited data, in a fast-paced environment as part of an interdisciplinary design team.
- Communicated with project teams, including updates about hazards and ground conditions; through emails, verbal discussion at design meetings, hazard drawings, and design reports.

## TECHNOLOGIES

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Front-End JavaScript, TypeScript, React, CSS, Cypress, Jest, Bootstrap

Back-End Express, PostgreSQL

## EDUCATION HISTORY

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### 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

## VOLUNTEERING

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### 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 the design task. Encouraged contributions and provided guidance.

### Digital Librarian

The StoryGraph Jan 2022 - Current

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