

# Sarah Taylor

Glasgow, Scotland

## Junior Software Developer

Ambitious and motivated developer with 3 years experience in Earth Sciences.

I developed a passion for coding when I was able to utilise Python to expand the scope of experiments and improve systems in my previous role as a researcher. As a recent career switcher and graduate of NorthCoders, I am excited to maintain the momentum of learning and bring my skills to an industry setting.



[sarah.alexandra12@gmail.com](mailto:sarah.alexandra12@gmail.com)



[github.com/SarahADev](https://github.com/SarahADev)



[sarah-taylor.netlify.app/](https://sarah-taylor.netlify.app/)



[linkedin.com/in/sarah-taylor-swe](https://linkedin.com/in/sarah-taylor-swe)



## PROJECTS

### Currently working on

#### Muses (Javascript, MongoDB, Express, Node, React, TailwindCSS)

A tinder clone for finding like-minded musicians. I chose this project to learn about authentication and verification using JSONWebToken with cookie storage and to solidify my skills with responsive design. Additionally, I will work on accessibility standards of the web client using Google Lighthouse. This project is a work in progress and is not yet hosted.

[github.com/SarahADev/Muses](https://github.com/SarahADev/Muses)

### Completed

#### Be Present (Javascript, MongoDB, Express, Node, Vue, Jest, Git)

A social gift recommendation site with an in-built web scraper, powered by Etsy. Users can add friends and receive randomised product recommendations based on their interests and budget.

This project was created as part of an agile delivery team, with Git as version control.

My contributions included the back-end endpoints following MVC architecture, including web scraper, and the front-end web scraper recommendations page.

[be-present-2022.netlify.app/?#/](https://be-present-2022.netlify.app/?#/)  
[bepresent.fly.dev/](https://bepresent.fly.dev/)

[github.com/SarahADev/FE-BePresent](https://github.com/SarahADev/FE-BePresent)  
[github.com/SarahADev/BE-BePresent](https://github.com/SarahADev/BE-BePresent)

#### News App (Javascript, PostgreSQL, Express, Node, React, HTML, CSS, Jest)

A single-page application built with React, utilising my RESTful API, displaying lists of articles and allowing users to perform CRUD operations to the database. The back-end API was developed using test-driven development.

[sarahadev-news.netlify.app/](https://sarahadev-news.netlify.app/)  
[news-api-08-2022.herokuapp.com/](https://news-api-08-2022.herokuapp.com/)

[github.com/SarahADev/FE-news\\_ST](https://github.com/SarahADev/FE-news_ST)  
[github.com/SarahADev/News-API](https://github.com/SarahADev/News-API)

#### Portfolio (React, TailwindCSS, HTML, CSS)

A clean, responsive portfolio created to gain experience with the styling framework Tailwind.

[sarah-taylor.netlify.app/](https://sarah-taylor.netlify.app/)

[github.com/SarahADev/Responsive-portfolio](https://github.com/SarahADev/Responsive-portfolio)



## WORK EXPERIENCE

### Trainee Full-Stack Software Developer

NorthCoders June 2022 - September 2022

- Developed semantically structured and responsive modern web applications for mobile and desktop.
- Produced REST APIs implementing manual test-driven development with Jest framework.
- Designed responsive and accessible user interfaces, producing wireframes with Figma.
- Led and collaborated in Agile delivery teams, maintaining kanban boards in daily stand-ups.
- Established strong knowledge of object-oriented programming and the software development lifecycle.

### Research Technician

University of Nottingham January 2020 - June 2022

- Produced and presented statistical reports, including designing infographics.
- Coauthored and collaborated with colleagues to produce technical research publications.
- Built and maintained good working relationships with stakeholders.
- Independently maintained laboratory standards and completed analyses.
- Organised and supported logistics for field work, conference events, and teaching days.
- Modernised analysis protocols, significantly increasing efficiency.
- Overcame experiment limitations by learning and incorporating technical knowledge.

### Research Assistant

Newcastle University May 2017 - August 2017

- Liaised with academic staff to manage the efficient operation of equipment.
- Worked autonomously whilst maintaining lines of communication with the team.
- Coordinated scheduling to attain targets with strict time constraints.
- Maintained detailed and orderly archives of data points and samples.
- Independently advanced identification skills to achieve strict deadlines.



## EDUCATION

BSc (Hons) Physical Geography First Class

Newcastle University 2016 - 2019