

Alex Graham

Bristol (open to relocation)

07909 972 919

alexinbristol@outlook.com

linkedin.com/in/alex-graham-7883297a/

github.com/ossidion

Profile

Masters Degree educated (Env. Science), hardworking and versatile Junior Developer with hands-on experience in Python, JavaScript, React, Tailwind and Express. Recently completed the Northcoders JavaScript bootcamp, having previously completed an intensive Python bootcamp. Passionate about learning new technologies and expanding my expertise in areas where I'm already skilled.

Prior to transitioning into tech, I worked for six years as a Transport Planning Consultant in a highly collaborative and analytical environment. This experience built strong problem-solving, communication, and teamwork skills—now actively applied to software development. A natural team player with a positive, proactive attitude and a genuine enthusiasm for learning. Known for reliability, adaptability and a strong drive to continuously grow.

Recent team project: **Budgee**, a financial tracker for those on a budget. View hosted application here: <https://budgee-nc.netlify.app/> (please allow some time for the API to load in the backend data).

Recent solo project: **NC News**, a Reddit-style news aggregation app. View hosted application here: <https://nc-news-alex-graham.netlify.app/> (note: frontend still in progress due to recent team project commitments).

Technical Skills

Languages: JavaScript, Python and Regex with experience using both Node.js and browsers as an environment.

Testing: Test Driven Development (TDD) using Jest.

Back-end: Express, Django, PostgreSQL, SQLite, MongoDB.

Front-end: React, Vue, HTML, CSS, Flexbox, Bootstrap, Tailwind.

Hosting: Supabase, Render, Netlify.

Other: GIT version control, Node Package Manager, paired programming, technical communication, working in an agile environment, participating in sprint planning and standups, waterfall, project management with tight deadlines.

Experience

Jan - April 2025 Software Development, Northcoders

Northcoders help passionate individuals transform their careers by teaching them the skills they need to become a full-stack software developer. This particular course focuses on JavaScript with both back-end and front-end modules culminating in a team project.

Learning Outcomes and Experience:

- **Test Driven Development** - interacting with nested data, confident of its stability and reliability.
- **Pair Programming** - which has exposed me to working with a wide variety of different styles.

Notable Projects:

- **Budgee Financial Tracking App**
 - Hosted web application: <https://budgee-nc.netlify.app/>
 - Hosted backend API: <https://budgee-be-rp4l.onrender.com/api>
- **NC-News App**
 - Hosted web application: <https://nc-news-alex-graham.netlify.app/>
 - Hosted backend API: <https://backend-nc-news-app.onrender.com/api>
- **Pokemon Battler** - <https://github.com/ossidion/fun-pokemon-battler>

Mar 2024 - Present Portfolio Projects

I've continued to work on my portfolio since completion of the Hyperion Development bootcamp. In order to maintain a creative approach to problem solving, I've also kept a daily HackerRank and CodeWars routine.

Notable Projects:

- **Recipe World** - Cooking website created using Django where users can upload their recipes and rate other user's recipes. The website includes an app for authentication which allows users to create an account and login or logout accordingly. (github.com/ossidion/recipe_world_1).
- **Word Processor Tool** - Allows the user to enter text which is stored as an object instance. Users are able to edit and style text - for instance, bold, italic, underline and text or background colour change.
- **Camping Store Shopping Cart** - an e-Commerce module where users update shopping cart using various functions. (github.com/ossidion/Camping-Store-Shopping-Cart).
- **Data Scraping Module** - Lifting tabular data from specified web URL.

Nov 2023 – Mar 2024 Software Engineering, Imperial College London & Hyperion Development

Hyperion Development, partnered with Imperial College London, aim to provide technical education to hardworking career switchers. This course focuses on an in-depth exploration of Python with various tasks set throughout. I achieved a grade of 99% (hyperiondev.com/portfolio/204268).

Notable Projects:

- **Data Validation: Application for Mountaineer** - Using Object Oriented Programming (OOP), users are able to create a new application to become a mountaineering guide. Users are able to check off which skills they have from a list and the application is stored as an object in a list of other user applications. The code validates data as the user navigates the program.
- **Final Capstone** - (github.com/ossidion/finalCapstone).

Feb 2020 – Feb 2024 Town Planner (Transport Specialism) – Pegasus Group, Bristol (*First Aider*)

- Project management responsibilities, high professionalism level and liaising with both team and clients.
- Integral member of technical team meeting fast-paced deadlines in high pressure situations.

Jul 2017 – Jan 2020 Traveling - South America, Australia and Canada.

- Learning Spanish in South America and working as a barista in Melbourne.

Further experience available upon request.

Education

Aug 2023 - Present Self-guided Study

- **Coursera Modules and SkillShare Classes** - OOP, Functions, HTML and CSS - Advanced Selectors.
- **HackerRank and CodeWars** - (hackerrank.com/profile/alexinbristol, codewars.com/users/ossidion).

Jul 2012 – Sept 2014 MSc Planning Practice & Research, Cardiff University (*Course Representative*)

Taught modules: Merit | Dissertation: Pass

Cardiff University Rowing Team: Integral part in competitions and workout programme.

Sept 2009 – May 2012 BSc (Hons) Geography, University of Glamorgan (University of South Wales)

Overall grade: 2.1

British Trust for Conservation Volunteer: Restoration of Cwmcarn Forest.

Basketball University Team: Played on a team with a training programme.

Interests

Guitar - in the evening after a day of problem solving, very therapeutic.

Watercolours - landscapes and architecture, mostly when traveling or with friends.