Alex Graham

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Profile

Master's degree educated (Environmental Science), hardworking and versatile Junior Developer with hands-on experience in JavaScript, React, Tailwind, and Express. A recent graduate of the Northcoders JavaScript bootcamp, with additional training in Python and full-stack development. Passionate about creating responsive, accessible, and user-focused web applications.

Before transitioning into tech, I spent six years as a Transport Planning Consultant, honing analytical thinking, stakeholder communication, and collaborative problem-solving—skills I now actively bring to software development teams. A natural team player with a proactive mindset, adaptability, and a strong desire to grow within the field.

Recent solo project: **NC News**, A Reddit-style news aggregation app built solo with React and full-stack JS. View live application here: https://nc-news-alex-graham.netlify.app/ (note: please allow up to a minute to load backend).

Recent team project: **Budgee**, A Vue based financial tracker built in a team using agile methodologies. View live application here: https://budgee-nc.netlify.app/ (note: please allow up to a minute to load backend).

Technical Skills

Languages: JavaScript (ES6+), Python, Regex
Front-end: React, Vue, HTML5, CSS3, Tailwind, Bootstrap, Flexbox, Responsive & Mobile-first Design
Back-end: Express, Django, PostgreSQL, MongoDB, RESTful APIs
Testing: Jest, React Testing Library, Test-Driven Development (TDD)
Version Control & Tooling: Git, GitHub, NPM, Node.js
Deployment: Netlify, Render, Supabase
Other: Agile methodology, pair programming, sprint planning, standups, technical communication, project management under tight deadlines
Extras: Exposure to accessibility standards (WCAG), basic familiarity with cross-platform frameworks like React Native, commitment to ongoing learning and staying current with front-end trends

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

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:**
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> - **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.