

CARLOS ALFORD

SOFTWARE DEVELOPER

Fun and creative software developer who has been freelancing for a number of years where I mainly focused on front-end development. I am reliable, enthusiastic, efficient at communicating technical ideas, and always help empower my teammates. I love solving technical challenges and I'm looking for my next opportunity to keep growing as a developer and put my skills to good use while solving real-world problems.

EXPERIENCE

July 2023 - ongoing

International Liberty Association

FRONT-END DEVELOPER

International Liberty Association is a registered Charity set up with the aim of promoting respect for human rights in Iran and the Middle East, at the same time as assisting the victims of such abuses. [Visit site.](#)

- Update the PHP templates and style sheets to make the site mobile friendly
- Check the consistency of typography throughout the whole site
- Fix any dead links throughout the site
- Ensure plugins are working and up to date

Dec 2022 - July 2023

The Sloth Club CIC

FRONT-END DEVELOPER

A community centre that strives to promote sustainability through educational and technological activities, helping communities and youths to secure a better future. [Visit site.](#)

- Create high-fidelity wireframes to match clients requirements in Figma
- Customise the CMS templates to match design
- Ensure the site is responsive and accessible

March 2019 - Feb 2022

Simplify My Home

FULL-STACK DEVELOPER

Simplify My Home are experts in the design, supply, and installation of the very latest home automation technologies for comfort, security, entertainment, and communication. [Visit site.](#)

- Implemented custom class that extends built-in nav walker class
- Developed custom templates using advanced custom fields
- Responsible for making the site responsive
- Optimised site images to speed up loading times
- Collaborate with design to develop a new theme

CONTACT



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[Linkedin](#)



[Github](#)

TECH SKILLS



JavaScript



React



Node.js



TypeScript



Python



Django



PHP



WordPress



CSS



Bootstrap



SASS



Express.js



Git



Mongo

SOFT SKILLS

My peers describe me as

- Strong communicator
- Supportive
- Enthusiastic & Creative
- Team Player & Collaborative
- Problem Solver

Dec 2020 - March 2021

Hook House Community Centre

FRONT-END DEVELOPER

Hook House is a community centre that has been part of the Holderness Estate for over 10 years, working with the community and supporting the surrounding areas. [Visit site.](#)

- Developed custom theme templates in PHP
- Making sure the site is fully responsive
- Customise ninja forms to match the look of site

PROJECTS

July 2023

Space Tourism website

This is my solution to the Space tourism website challenge on Frontend Mentor. [Visit live site.](#)

- Developed in React with TailwindCSS and deployed on Github
- The site is fully responsive and made to match the brief
- Uses the NASA API to add a little bit more flavour

March 2023 - 4 weeks

Wikipedia-like

A Django app that stores and displays encyclopedia entries using Markdown. Created as part of the CS50W course. [Visit repo.](#)

- Read any encyclopedia entry stored in the app.
- Make changes to any encyclopedia entry.
- Create new entries using Markdown.
- Search for entries by using the search bar.
- Load a random encyclopedia entry.

Dec 2022 - 2 weeks

Markdown to HTML parser

The parser is part of a larger project for the CS50 Django assignment. Reads a local Markdown file and turns it into HTML. [Visit repo.](#)

- Can recognise headings, paragraphs, bold text, links, and unordered lists.
- Can be integrated into any Python project

August 2022 - 4 weeks

Our House

A household organiser that allows people living in the same household to have access to shared lists. Team of 6. [Visit site.](#)

- Implemented a fully working CRUD API
- Cypress testing to ensure user's journey worked as it should
- Implemented logic to let users update their profile in real-time
- Tech stack used: Nextjs, Express.js, MongoDB, Cypress, and Auth0
- Covered the entire software product lifecycle; from design to testing and documentation

EDUCATION

Nov 2022 - ongoing

EDX - CS50W

Computer Science

April 2022 - August 2022

School of Code

Full-stack developer

March 2018 - June 2018

Udacity

Mobile Web Developer nanodegree

March 2017 - July 2017

Udacity nanodegree

Full-stack nanodegree

2009 - 2010

Richmond College

Access to HE Diploma in Computing

INTERESTS

In my free time, I enjoy playing tennis and mountain biking. I also like to play the guitar.

I attend tech events to learn the latest features or network with other like minded people.

Paired-programming with fellow developers

LEARNING

I really enjoy learning and improving my skills, currently working on:

- TailwindCSS for a React blog
- MongoDB university
- Django