Alexandra Dover

Email: alexandradover@hotmail.com
Phone: 07913129790

Profile

Motivated and professional, self-taught developer. Looking to start a career building web applications and services. Experienced at working in a team and coordinating with external stakeholders. Have contributed to live websites and built a substantive portfolio of various personal projects. Equally comfortable working both on location and remotely. Based in central Edinburgh.

Education

MA Undergraduate (Hons) in Education 2 : 1 *University of Aberdeen* **2011 - 2015**

Skills

- JavaScript
- Python
- Django
- HTML
- CSS, Sass
- Bootstrap

Previous Employment

Primary School Teacher:

Bonaly Primary School **2016 – 2021**

Nether Currie Primary School **2015 – 2016**

Projects

Github: https://github.com/ADover18

https://github.com/ADover18/recimies
Social media platform for uploading and sharing recipes. The app is written using Django, and follows the MVT design pattern. Data are stored using PostgreSQL.
Models are handled through Django ORM functionality. Site user functionality is bound to a Profile instance. Profiles extend the built-in User class, and allow users to follow others, create a bio, upload a profile picture, etc.
Users are able to save their own Recipe instances. Typically a Recipe will be composed of Ingredients and Directions, amongst other fields like their title. Separating Ingredients and Directions into their own classes allows flexible features in the frontend such as editing existing Recipes with formsets.
The app uses class-based views. This allowed me to quickly extend the built-in views without needing to reinvent the wheel.
In certain views Recipe data are accessed via an endpoint so that recipes can load asynchronously. Infinite scrolling has also been implemented with the JavaScript Intersectional Observer API.
I used Bootstrap as the starting point for the website styling. Additional CSS has been employed to add custom effects, custom component behaviour for improved UX and give the site its own personality.

https://catherinestevenson.co.uk/index.php
Art website loads many large high-resolution images. Used JavaScript to implement lazy loading – images load as they appear in the viewport. This considerably improved website performance. In charge of updating the website with new artworks and information.

https://adover18.github.io/
Portfolio website. Built with HTML, CSS (Sass) and JavaScript. Stylesheets organised using 7-1 Sass architecture.