

## Profile

Highly motivated self-taught developer with a self-starter attitude looking to start a career building web applications and services. Have experience contributing to websites and building personal projects. 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 the SQLAlchemy 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 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://samgloverwrites.github.io/index.html>

**Poetry website.** Used CSS to resize text and margins based on viewport size and avoid improper line breaks in poetry. Continuing to use CSS and JavaScript to implement interactive features to each text to create a visual novel experience.