

# MELISSA JACK

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Portfolio: <https://meljack1.github.io/professional-portfolio/>

Front-end web developer with a strong collaborative work ethic and past experience in secondary school teaching and scientific research. First degree in Chemistry, with a certificate in Web Development from the University of Birmingham's Full-Stack Bootcamp, with experience in HTML5, CSS3, JavaScript, JQuery, Bootstrap, Git and Command Line. Pragmatic, quick learner and devoted problem solver with strong communication skills and an adaptable, logical mindset.

## TECHNICAL SKILLS

**LANGUAGES:** HTML5, CSS3, JavaScript ES6+

**TOOLS & APPLICATIONS:** GitHub, Node.js, JQuery, Bootstrap, UIKit

## PROJECTS

**GeoJobs:** <https://github.com/LewisChatham/GeoJobs> | <https://lewischatham.github.io/GeoJobs/>

- Summary: Job-search application showing search radius on a map
- Role: Developed search/filter functionality and map radius functionality
- Tools: HTML5, CSS3, JavaScript, UIKit, HERE Maps & Adzuna API

**Weather App:**

<https://github.com/meljack1/weather-dashboard> | <https://meljack1.github.io/weather-dashboard/>

- Summary: Weather app providing current and 5-day forecast for a searched city
- Role: Sole creator
- Tools: HTML5, CSS3, JavaScript, Bootstrap, OpenWeatherMap API

**JavaScript Quiz:**

<https://github.com/meljack1/javascript-quiz> | <https://meljack1.github.io/javascript-quiz/>

- Summary: Quiz on JavaScript basics, built using vanilla JavaScript
- Role: Sole creator
- Tools: HTML5, CSS3, JavaScript

## EXPERIENCE

**Dame Elizabeth Cadbury School** | Teacher of Secondary Chemistry | Birmingham, UK | **2020 - 2021**

- Taught classes of 30+ students across 3 key stages, and all 3 sciences from KS3 to GCSE
- More than 90% of pupils on-track for or above their target predicted grades
- Congratulated for best practice in online teaching, with excellent engagement from pupils

**Pfizer** | Analytical Chemist | Sandwich, UK | **2017 - 2018**

- Successfully led an independent research project into a problem faced by Analytical R&D, presenting and teaching the method created to the team for future use
- Effectively balanced research project with supporting team in quality testing 5 breakthrough drugs and completing university coursework to a high 2:1 standard

## EDUCATION

**Certificate, Full Stack Web Development** - University of Birmingham (2021)

**PGCE, Secondary Chemistry** - Titan Partnership Ltd. (2019 - 2020)

**Chemistry with Industrial Experience (MSci)** - University of Birmingham (2015 - 2019)