

# MEL JACK

Email: [mel.jack.developer@gmail.com](mailto:mel.jack.developer@gmail.com) | Phone: 07778211318 | Birmingham, UK  
LinkedIn: [/mel-jack](#) | GitHub: [/meljack1](#) | Portfolio: [meljack1.github.io/professional-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, certified in Web Development by 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:** [github.com/LewisChatham/GeoJobs](https://github.com/LewisChatham/GeoJobs) | [lewischatham.github.io/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:** [github.com/meljack1/weather-dashboard](https://github.com/meljack1/weather-dashboard) | [meljack1.github.io/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:** [github.com/meljack1/javascript-quiz](https://github.com/meljack1/javascript-quiz) | [meljack1.github.io/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 | **2020 - 2021**

- Took the lead in teaching an A-Level Chemistry class as an NQT
- Developed exam materials for KS3 and A-Level classes
- Taught online, assisting more senior teachers in making the best use of Microsoft Teams

**Pfizer** | Analytical Chemist | **2017 - 2018**

- Led an independent research project into a problem faced by Analytical R&D, creating a test method to be used in the future
- Completed University coursework to a high 2.1 standard alongside working full-time

## 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)