

MEL JACK

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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 | 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 | 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 | 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)