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Matthew W Buckley
Full Stack Web Developer
with a Scientific Background

About

I am interested in science, tech, games, and politics. I persued science up to my PhD in Chemistry where I started to get a taste of programming, developing tools to analyze my data. I fell in love and have been pursuing programming since. I chose web development because the information age is powerful and awe inspiring, while the work itself offers both logic and creative challenges.

Skills

Foundational: **HTML5   CSS   JavaScrip/ES6**

MERN Stack: **MongoDB   Express   React   Node.js   Redux**

Associated Technologies: **Sass   Git   Webpack**

Projects

iCYOA   See the project here

A story/game maker with a drag and drop WYSIWYG interface that can export static images or publish on the site to create an interactive version. Created using the MERN stack with the third-party headless CMS Strapi for the backend.

Short Story Website   See the project here

The site allowed stories of 100, 200, and 400 words, and comments of 10, 20, and 40 words, respectively. Comments and ratings were invisible unless a rating had been left. Nothing was amendable after submission.

Boost Ball   See the project here

A pseudo pool game for android released on the Play Store. The game involves potting balls to gain the maximum number of points within a time limit. The game features power-ups, abilities, and high scores (local), which can be played over 16 levels and an endless arcade mode.

Education

Chemistry PhD - Nottingham University