

Matthew W Buckley

Self Taught Full Stack Web Developer with a Scientific Background

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About

I am interested in science, tech, games, and politics. I perused science up to my PhD in Chemistry, where I started to get a taste of programming as I developed 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 Web Technologies: [HTML5](#) [CSS](#) [JavaScript/ES6](#)

MERN Stack Development: [MongoDB](#) [Express](#) [React](#) [Node.js](#)

Associated Technologies: [Sass](#) [Git](#)

Projects

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

[See the project here](#)

Short Story Website This project was an about experimenting with restrictions. The site allowed stories of 100, 200, and 400 words, and comments of 10, 20, and 40 words, respectively. Comments and ratings were not visible unless a rating had been left. Nothing was amendable after submission.

[See the Github here](#)

Boost Ball 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.

[See the project here](#)

Education

Chemistry PhD - Nottingham University