

ALASTAIR MOTTRAM-EPSON

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Website: <https://alastairm-e.herokuapp.com/> | GitHub Profile : <https://github.com/AlastairM-E>
npm Profile <https://www.npmjs.com/~alastairm-e> | Programming Languages: HTML, CSS, SASS,
Styled Components, JavaScript, React, Jest, Webpack, Babel

Education – Leicester Grammar School (Sept 2011 – Current):

IGCSEs/GCSEs (2018):

- Mathematics:(7), English Language: (7), English Literature: (7), Biology:(A), Physics: (A), Chemistry: (7), Geography: (7), Latin: (7), Classical Greek: (6), French: (4).

Predicted A Levels (Jun 2020):

- Philosophy & Religious Studies: (A), Economics (B), Politics: (B).

Coding Projects

Yarn package - create-rboil & create-mcra (Feb 2020 – current): JavaScript (node.js) / Webpack / Babel / Git / npm

- I developed two fully documented Yarn packages which improve the developer experience and speed of creating a React app:
 - o **create-rboil** :
 - Has **3599 downloads** on npm from 20.02.12 to 20.05.12.
 - Creates a custom React boilerplate code app which can start a local development server and can minify the files for said app.
 - o **Create-mcra** :
 - Has **825 downloads** on npm from 20.02.20 to 20.05.13.
 - Yarn package saves 30s (approximately) in creating boilerplate code for React components and their tests.
 - Enables customization of creating said component boilerplate code.

Personal Website (Jun 2019 - Dec 2019): JavaScript / React / Webpack / Babel / Material UI / Git

- Showcases some of my projects:
 - o **Blackjack Game (Oct 2019 – Dec 2019): JavaScript / React / Git / SASS.**
 - o **Slider (Jun 2019 – Aug 2019): JavaScript / React / Git / Material UI.**
- Minified via Webpack and Babel to reduce bundle size and deployed on Heroku.

PHP Chat Application (Jul 2018 - Jan 2019): JavaScript / PHP / MYSQL / Git

- Enables user authentication (signup and login functionality) and password protection.
- Enables user to comment on a webpage that can be read by other users using short polling.
- Edited project following feedback from a professional software developer.

Other projects include:

- Google Code-in Open Source Competition – Sugar Labs ‘Moon’ Tutorial (Dec 2019): JavaScript.
- Command Line Interface Planning Tool (Mar 2019): Python.
- Water Sensor (Feb - Mar 2019): Created plan for water detection system in team of four.

Achievements/Experience:

Duke of Edinburgh Gold Award (*Expected 2020*)

School Charity Committee, Manager of Second-Hand Uniform Shop (*Sept 2018 – Dec 2019*)

- Raised £3,230 (35% increase on previous year) by analysing existing system and implementing changes by setting up shop at New Parent Evening.
- Improved the quality of uniform shop donations by revising donation guidelines on the school website.
- Communicated with parents via email / in person to provide good customer service.

Duke of Edinburgh Bronze (DofE), Award Supervisor (*Oct 2018 – Mar 2020*)

- Aided and managed 21 Yr10 students over 12-week period by answering questions on expedition route planning and resolving disagreements between group members

Work Experience at Hermitage Innovation Group Ltd, software company (*20 - 24 Aug 2018*)

- Attended daily SCRUM meeting. Independent learning.
- Shown debugging process CMS system (October CMS - based on Laravel).
- Given an overview of the different software projects.

Interests:

County level Chess Player representing Midlands & Leicestershire | Keen Baker | Improving Web Development Skills by going to local JavaScript/AGILE Meetups | Learning Chinese | Distance Running (train at local club, 5km PB currently 17:58, 1st in local Park Run 5 times) | Debating.