

ALASTAIR MOTTRAM-EPSON

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Education – Leicester Grammar School (Sept 2011 – Current)

Predicted A Levels (2020): Economics (B), Politics (B), Philosophy & Religious Studies (B)

IGCSEs/GCSEs (2018): Mathematics (7), English Language (7), English Literature (7), Geography (7), Biology (A) Physics (A), Chemistry (7), Latin (7), Classical Greek (6), French (4)

Achievements/Experience:

Coding Projects (2018-Current)

Blackjack Game (2019) – Allows single person to play blackjack against computer. Written in REACT/Webpack/Babel/SASS/GIT.

Water Sensor (2019) - Program detects if bag gets wet. Team project, using raspberry PI, Arduino with Python script and Bash.

Slider Project (2018) - developed an application which uses React Hooks and state management (using React Hooks and Context API) to loop through a series of slides on a timer designed and built in Material UI.

Web Chat Application (2018) Written in JavaScript, PHP & MYSQL. D of E project. Implemented improvements after feedback from local software developer who assessed it.

Duke of Edinburgh Gold Award - (Expected 2020)

Work Experience at Hermitage Innovation Group limited, Software Company (23 - 27 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

School Charity Committee, Manager of the school Second-Hand Uniform Shop (2018 – current)

Responsible for analyzing existing system and implemented changes which resulted in raising £3230 for charity, up from £680 in previous year. Interact with parents via email and in person

School Charity Committee, Organizer of Raffle & Weekly Cake Sales (2019)

Set up and man stand – Typically makes £50 per week

Volunteer on Earth Skills Project (19-23 Aug 2019, Cheshire)

Worked In small team in forest (Cheshire) to remove invasive species.

Duke of Edinburgh Bronze (DofE) Award Supervisor (Mar/Apr 2019)

Worked to manage 21, Yr10 students over eight-week period on expedition route planning, resolved disagreements, answered questions

School Chess Club Main Organizer (2019) - Coaching year 6-10s and running sessions

School Philosophy Society Founder (2019) – Timetabled meetings and gave talk/ran discussion session

Interests:

Web Development – go to local JavaScript/AGILE Meetups | Chess (represented Midlands and Leicestershire) | Running (Train at local club, won local Park Run 4 times, 5km PB currently 17:58) | Debating (joint winner of Lower School Competition) | Keen Baker | Learning Japanese | Keep informed of current affairs.