Jacob Edwards

E: Jacobedwards1995@hotmail.co.uk

LinkedIn: www.linkedin.com/in/jacob-edwards

GitHub: www.github.com/jiedwards   **Portfolio:** www.jiedwards.github.io

+ EDUCATION

⊙ Sep. '17 – Present   **BSc Software Engineering**   Manchester Metropolitan University
   (2021 Graduation)   Second Year Grade (87%)

+ RELEVANT EXPERIENCE

⊙ Jun. '19 – present   **Software Developer (Placement Year)**   Boohoo
- Implemented a REST controller, with a front-end UI to allow chosen employees to monitor products and make business-critical changes.
- Produced a new application which executes a site-wide conversion to ensure the consistency of all existing and new product information, this application interacts with a SAGE database and uses; Java, Spring, Hibernate, Data Structures and SQL.
- Maintaining and developing Boohoo's stack, whilst improving test coverage through unit, integration and acceptance testing.

⊙ Apr. '19 – Apr. '19   **Spring Technology Internship**   Barclays
- An Introduction to the influence emerging technologies are having on the financial industry, including Biometrics and Virtual Reality.
- Delivered a presentation on the potential use of Virtual Reality in the financial industry, particularly how it can be used to improve overall user experience.

⊙ Sep. '18 – May. '19   **IT Rover**   Manchester Metropolitan University
- Provided IT support for equipment/hardware to all staff and students.
- Responsible for the maintenance and upkeep of IT equipment for the University.

+ PROJECTS

⊙ **ByteFit:** Developing an automated meal planner, the project relies on the implementation of data structures, algorithms and the use of Python to manipulate food data. The application is powered by Node.js, MongoDB and JavaScript.

⊙ **Vehicle Database:** Engineered a user-friendly Vehicle Database System; Constructed a Java back-end application which executed CRUD operations and acted as a server, this interacted with a web front-end and an SQLite Database.

⊙ **Android Mobile Application (Vehicle Database):** Created an Android application to use as a Vehicle Database. The application executed CRUD requests, which were handled by the Java back-end in a RESTful manner with the implementation of API keys.

⊙ **Tour De Manc:** Engineered a system for a Manchester-based Cycling event company, it consisted of: a back-end interface using PHP coupled with a MySQL database, a front-end UI, and the custom application of Google Vision's Facial Recognition API to ultimately detect rider numbers from images upon upload.

+ TECHNICAL SKILLS

⊙ **Programming Languages:** Java, HTML5, CSS, PHP, MySQL, JavaScript, Python
⊙ **Technologies and Frameworks:** MongoDB, Node.js, Git, Slack, Spring, Postman, Linux (Ubuntu)