

# Reuben G Day

07547529284

reubenday@btinternet.com

linkedin.com/in/reubengday

github.com/theReuben

Computer science undergraduate with experience in software development, Object-Oriented Programming (Python and Java), and a passion for problem solving in uncharted territory.

## Education

- **University of Warwick (2016-2019)** Computer Science BSc(Hons)
  - Dissertation Project** Influence Modelling and Prediction in Social Networks  
Platform for modelling influence spread in social networks for efficient marketing using machine learning (Python [Pandas, NetworkX], Django).
  - Winner** Deutsche Bank AG Software Engineering Challenge  
Virtual assistant artificial intelligence for FTSE100 traders, provides current information for queries, alongside contextual knowledge (Python, Django, SQLite3, HTML, CSS, jQuery, LaTeX).
- **Hele's School (2014-2016)** A Level - Mathematics (A\*), Further Mathematics (A), Physics (A), Chemistry (A), Additional Further Mathematics AS (B)
  - Winner** Award for Highest marks in Mathematics
  - Winner** Award for Highest marks in Further Mathematics
  - United Kingdom Mathematics Trust (UKMT) Senior Team Challenge Regional Level (2014, 2015), Chemistry Olympiad (2015)

## Skills

- **Programming Languages** OOP with an interest in back-end development
  - Primary Languages** Python[Pandas, NumPy, NetworkX], Java
  - Secondary Languages** SQL, HTML, PHP, CSS, C, Assembly,
- **Knowledge Areas** Object-Oriented Programming, Software Engineering (Agile and Plan Driven), Linux Command Line, Algorithm Design, Data Structures, Machine Learning Techniques, Operating System Design, Computer Networks, Databases

## Additional Information

- **Rowing**  
Competed at both regional and university level for Plymouth Amateur Rowing Club and University of Warwick Boat Club, respectively.