

Reuben G Day

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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)
 - Current Dissertation Project** SoNAR : Influence Modelling in Social Networks
Platform for modelling influence spread in social networks for efficient marketing (Python [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
 - Main Languages** Python[Pandas, NumPy, NetworkX], Java
 - Side 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**
I have competed at both regional and university level for Plymouth Amateur Rowing Club and University of Warwick Boat Club respectively. Rowing has taught me the value of team work, and has given me transferable skills including resilience, decision making, and precision, all of which I bring to the workplace.