

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 using machine learning (Python [NetworkX, Pandas], 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**
Competed at both regional and university level for Plymouth Amateur Rowing Club and University of Warwick Boat Club, respectively.