

Reuben G Day

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Computer science undergraduate with experience in software development and
Object-Oriented Programming (Java and Python)

Education

- **University of Warwick (2016-2019)** Computer Science BSc(Hons)
 - Current Dissertation Project** SoNAR : Influence Modelling in Social Networks
Python implementation of various cascade models, including Independent Cascade Model, Decreasing Cascade Model, and Linear Threshold Model. For the purpose of efficiently marketing a concept to a population (Python [NetworkX], Django).
 - Winner** Deutsche Bank AG Software Engineering Challenge
Virtual assistant artificial intelligence for FTSE100 traders, provides current information for queries, alongside context 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
 - Main Languages** Java, Python
 - Side Languages** SQL, HTML, PHP, CSS, C, Assembly,
- **Knowledge Areas** Object-Oriented Programming, Software engineering (Agile and Plan Driven), Linux Environments, Algorithm design, Data structures, Operating System design, Computer networks, Databases

Additional Information

- **Rowing, Coxing**
 - University of Warwick Boat Club, Plymouth Amateur Rowing Club**
 - Competed at university and regional level
 - Time management · Team work · Resilience · Motivational skills · Quick thinking
 - Technical planning · Precision