

William Redwood

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Profile

I am a dedicated and hardworking student with a demonstrated skillset, including iOS development, programming, retail, and nannying. I am currently in my third and final year of studying BSc Computer Science at the University of Sheffield.

Education

BSc Computer Science - Predicted 2:1

The University of Sheffield (September 2016 - Present)

Current Studies.

- First year (2016 - 2017):
 - Languages learnt: Java, HTML/CSS, Ruby.
 - Completed the “Global Engineering Challenge”, whereby I worked with 4 other students from across the engineering faculty. Tasked with designing a treatment plant to store and decontaminate runoff to be used in a developing area (Bambui, Cameroon), we assessed potential economic, social, technical, and environmental concerns whilst iterating through our potential designs.
- Second year (2017 - 2018):
 - Languages learnt: Haml/HTML/CSS, Haskell, Python, Ruby.
 - Partook in “Engineering - You’re Hired!”, which involved working with 5 others from across the engineering faculty to design a functional sleep monitoring system for diabetics. We researched existing solutions for inspiration, adapting and improving when necessary, culminating in a presentation of our proposal to a client from the corresponding sector.
 - Worked in a team of 4 to develop a fully functional website for an external client (CloudCAST) as part of the “COM3420: Software Hut” module. This involved both frontend and backend web and database design.
- Third year (2018 - 2019):
 - Experience gained using the Arduino IDE and C/C++, coding for an ESP32 SoC as part of the “COM3505: The Internet of Things” module.
 - Learnt basic Pure Data as part of the “COM3502: Speech Processing” module.
 - Dissertation involving the development of an iOS application (in Swift) and associated backend and website, in collaboration with Guys and St Thomas' Hospital, London.

Advanced Level (A Level), Advanced Subsidiary (AS Level), (I)GCSE

Hampton School (2011 - 2016)

Advanced Level (2016) in:

- Economics
- Further Mathematics
- Mathematics (2015)

Advanced Subsidiary (2015) in:

- Economics
- Further Mathematics
- Geography
- Mathematics
- Physics

(I)GCSE (2014):

- 3 at A*
- 7 at A
- 1 at B

Responsibilities:

- Mentor to Year 9 form group (September 2015 - July 2016)

Experience

Nanny

Private Family (June 2018 - April 2019)

Responsible for looking after 3 young children (7, 9, and 13 years old) as a job between university semesters.

Key responsibilities:

- Drove to collect the children from the school bus stop or the school itself.
- Cooked for the children.
- Supervised homework and play.
- Implemented bedtime routine.
- Disciplined the children when required.
- Performed general housekeeping duties.
- Planned and undertook suitable leisure activities.

Customer Assistant

Chessington Garden Centre, Chessington, KT9 2NG (May 2016 - May 2018)

Utilised teamwork and communication skills at a large, independent garden centre in Chessington. Responsible for delivering a friendly service, playing an active role in answering customer merchandise or purchasing queries, general maintenance of the store, and sales.

Key responsibilities:

- Tills operation, which included accurately handling cash and credit/debit card transactions.
- Performed stock checks and storefront stock management, such as processing new stock and replenishing displays.
- Responded to customer queries regarding merchandise and sales in a friendly and helpful manner.
- Maintained high standards of presentation and cleanliness across the store.

Teaching Assistant

Hampton School, Hampton, TW12 3HD (15 November 2014 - 14 March 2015)

Worked for Hampton School's SHINE project with Year 5 pupils from local state schools. Also known as "Serious Fun on Saturdays", the SHINE programme involved helping plan and conduct lessons aimed at improving literacy and numeracy skills.

Key responsibilities:

- Supported class teachers with lesson planning and operation.
- Kept classrooms safe and tidy for pupils.
- Ensured behavioural standards were maintained.
- Provided one-to-one support when necessary.

Other

Work Experience: Barclays, London, E14 4BB (31 October 2014)

Work Experience: Berenberg Bank, London, EC2R 8HP (14 - 19 July 2014)

D of E Work Experience: The French Table, Surbiton, KT6 4AW (October 2012 - March 2013)

Paper Boy: Jay News, Thames Ditton, KT7 0QR (September 2011 - July 2014)

Hobbies, Interests, and Skills

- Developed multiple iOS applications in Swift - details on website.
- Proficient with Windows, Linux, and macOS-based systems.
- Basic HTML/CSS - developed personal website.
- Bronze Duke of Edinburgh's Award.
- Hiking, particularly in the Peak District.
- Play benchball with the University of Sheffield Benchball Society.

References

References available on request.