



EDUCATION

University of Warwick

Computer Science BSc (*Hons*)

Warwick, Warwickshire

September 2014 – June 2017

Thesis: “Development of a social VLE to promote student performance”

- Consistently ranked among top 10 departments in the UK for Computer Science.
- Modules include Software Engineering, Web Development Technologies & Fault Tolerant Systems.
- On track for **1st class honours** degree, having achieved 70% in both first & second years (*equivalent to 1st class grade*).

Seaford College

GCSEs & A-Levels

Petworth, Sussex

September 2009 – June 2014

A-Levels: Mathematics (**A**), Physics (**A**), Further Mathematics (**B**), Chemistry (**B**), Economics (**A**, *AS-Level only*).

GCSEs: 9 A*s & 2 As, including Mathematics, English, French, Triple-Award Science & Dual-Award ICT.

- Served as school prefect, encouraging student-staff discussions and helping to tutor physics students.
- RAF Head Cadet for the school's Combined Cadet Force, leading and teaching younger cadets.
 - Graduated the Air Cadet Leadership Course with **Merit** (*July 2012*).
 - Attained Silver Wings classification Gliding Scholarship at RAF Halton (*August 2012*).

EMPLOYMENT

The Frankland Arms

Waiting & Bar Staff (*Full-Time*)

Washington, Sussex

June 2016 – September 2016

- Developed client-relation skills through serving and communicating with customers.
- Insight into management of small businesses & learned importance of flexibility and role diversity within small teams.

The White Lion (*Chef & Brewer*)

Team Leader, Bar Staff (*Part-Time*)

Radford Semele, Warwickshire

September 2015 – March 2016

- Bar and restaurant management alongside university studies, enforcing 1st class time management.
- Strong propensity to acquire new skills and diversify in any assigned role.
 - First time working in the hospitality industry, promoted to team leader within 4 months.
 - Team management and leadership skills honed through duty management on shift.
- Understanding of interfacing within a business between local & corporate levels.
 - Strong grasp on finances, from cashing up and reporting profits/losses, and stock management.

PROJECTS

ePerlego – A Social VLE to Promote Student Performance

Undergraduate Thesis

Web-Application

September 2016 – Present

- Solo development of a feature-rich web-based academic companion tool, serving primarily as a student performance tracker to promote achievement and aid parental involvement in schools.
- Developed in **Ruby on Rails**, using the **RubyMine** IDE, **Git** version control & **Heroku** for deployment.
- Test Driven Development ensures a robust system, with User-Acceptance Tests improving end-user utility.

Data Cleansing & Pattern Analysis System for Large Datasets

Group Software Development Project

Web-Application

January 2016 – March 2016

- Highly-applicable experience, with random development teams delivering a system to Deutsche Bank (*the client*).
- Front-end developer for a system capable of identifying clusters and communication patterns within an email corpus of over 500,000 messages, visualising the information in a web-application using **D3.js**.
- An **agile** development methodology (**scrum**) was adopted to allow rapid development and testing of new features.
- The developed system was ranked in the top three by Deutsche Bank, notably for the intuitiveness of its UI.

To view the above projects and more, please visit my website.

SKILLS & INTERESTS

Technical Knowledge: HTML5 – JavaScript – jQuery – CoffeeScript – D3.js – Bodymovin.js – CSS3 – SASS – Bootstrap – Ruby – Ruby on Rails – SQL – PHP7 – Java – JUnit – Gradle – C/C++ – Git – Heroku – Linux – Bash/Shell – Agile – Scrum – TDD – UX/UI – LaTeX/BibTeX

Software: JetBrains IDEs (*IntelliJ IDEA*, *RubyMine*) – Adobe CC Suite (*Photoshop*, *Illustrator*, *Premiere Pro*, *After Effects*, *Lightroom* etc.) – Microsoft Office (*Excel*, *Access*, etc.) – Unreal Engine 4

Languages: English (*native fluency*) – French (*basic*)

Interests: Technology – Clean & Intuitive Design – Gym-goer – Animation in Film & Art – Video Gaming Culture – Web Design

Additional Information: Full, Clean Driver's License – Social & Approachable Personality