

RYAN NASH

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PERSONAL PROFILE

A highly motivated individual with a passion for learning new things and an avid interest in technology. Experience working in groups and as a team leader. Strong leadership and communication skills.

EDUCATION

University of Warwick
PGCE Computer Science
Centre for Teacher Education

August 2020 - June 2021
Expected Result: Distinction

University of Leicester
BSc Computing with Management
Department of Informatics

September 2016 - June 2020
1st Class Honours

ACADEMIC ACHIEVEMENTS

Treasurer of University of Leicester's Computer Science society 2019/20
2nd place in University of Leicester's 2019 Capture the Flag event hosted by BAE Systems
Completed an entrepreneurial software project as my dissertation, with the end result being a startup

Relevant Modules

User Interfaces & HCI	81%
Software Project Management & Professionalism	75%
Software Engineering Project	74%
Software Engineering & Systems Development	70%
Advanced C++ Programming	80%

EXPERIENCE

Computer Science Teacher - Schools across Warwickshire *2020/2021*

My current job role consists of PGCE placements where I have been teaching Computer Science full time to GCSE and A-level students. This role has required me to organise and transform my degree knowledge to a level suitable for secondary school students. As well as this it has demanded organisation skills through planning lessons and a variety of communication methods to appeal to differing age groups.

Student Lecturer - University of Leicester *2020*

Throughout my final year I participated in a student lecturer scheme, where I delivered lectures on computer science concepts to sixth form and key stage 4 students, with the aim of creating an interest in the subject at an early age. This position required public speaking to audiences of up to 200.

Student Ambassador - University of Leicester *2019/20*

During my undergraduate studies I worked as an ambassador at my university. This role entailed giving tours of the university to prospective students, running activities with local schools to instil an interest in university, and engaging with schools in less privileged areas to show that university is an option for anyone.

Software Project - Leicester Business Client

2018/19

During my second year I completed a project in the role of team lead, producing a piece of software to be used by a business and sold to other businesses. I am currently under a non-disclosure agreement regarding the system I created.

Throughout this project my team followed an agile framework for software development, Scrum. As team lead I was the Scrum Master in addition to being responsible for managing the work/duties of my team, overseeing unit testing, extracting requirements from the client, and producing documentation.

Technologies Used Java, Spring MVC, mySQL, HTML5, CSS3, JS

IT Engineer - Dell Contractor

Summer 2017

- **DLA Piper**

During the summer of 2017 I was employed by Dell on behalf of DLA Piper in Brussels as an IT Engineer. DLA Piper's global system had been infected by the NotPetya virus and I was working as part of a team to minimise the damage. In this role I was required to completely reinstall the workstations of all employees in the Brussels office, and secure them to the company network.

- **Other Contracts**

As well as the above contract, I worked for various businesses such as Maplin, Zebra and Oxford Brookes University. My responsibilities were to arrive on site, follow documentation and complete installs of equipment. This equipment was generally PC equipment, networking equipment, and till systems.

TECHNICAL STRENGTHS

Languages	Python, Java, Spring MVC, JavaScript, nodeJS, C++, HTML/CSS, L ^A T _E X
Software & Tools	MS Office, Windows, mySQL, noSQL, Git, Linux, MacOS, Android, iOS

PERSONAL PROJECTS

- **LegalProof**

An entrepreneurial software project completed as my dissertation that automates will writing for solicitors. It is a functioning web application featuring user accounts stored in a database, implemented through the MVC architecture using a REST API with unit testing.

Languages/Tools JavaScript, jQuery, nodeJS, noSQL, MongoDB, Mocha, Chai

- **StartPage**

A responsive, mobile-friendly webpage I use as the home page/new tab page of my devices which used multiple APIs and contains features such as: a cycling search engine, weather, maps, and VPN connection status.

Languages/Tools JavaScript, jQuery, HTML5/CSS3

EXTRA-CURRICULAR

Sports

Social badminton player and a member of my university's society during my first year

Member of my university's boxing society from second year onwards

Practitioner of freestyle karate for over 14 years, achieving the rank of Black Belt 3rd Dan

Other Interests

Music, I spend a lot of my time both listening to music and practicing the ukulele

Reading, my favourite genres being horror and self-development

REFERENCES AVAILABLE ON REQUEST
