

Matthew Keddie Curriculum Vitae

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Portfolio - <https://mattkeddie.github.io> (you might need to refresh once)

Personal Information

Hello, my name is Matt. I am 21 years old and live in Fleet, Hampshire. I have just completed my BSc in Computing at the University of Buckingham and have finished my degree with a 2:1 Honours. On this course, I got the opportunity to study a variety of aspects of Computing one of my favourite modules was called Information Security, with the topics ranging from physical measures that can be taken to limit access to data, to potentially exploitable vulnerabilities, also learning about previous notable attacks on systems such as the WannaCry attack which impacted a huge number of computers back in 2017. I also have enjoyed Web App Development and similar topics since I was studying IT at GCSE Level, I have recently applied these Web App Development skills using only HTML, CSS and JavaScript to create a Scoreboard Overlay to be used by broadcasters in the eSport scene for the title 'Rocket League'.

I also completed my Undergraduate Project as a mix of both Web Development and Cyber Security, a perfect mix for me and the modules which I enjoyed. I created a Cyber Security learning platform web application where you can either have a teacher or student login, teachers can assign tasks to students for them to complete. These tasks would be centred around Information Security, ranging from practical tasks to exploit vulnerabilities (as Ethical Hacking practice), to simple multiple choice questions about Legislation, an equally important topic. The technologies I used were HTML, JavaScript and CSS on the front end, with the back end using the Django Framework with a SQLite3 database.

A bit more about me

Outside of my education, I would say that I like to get involved. I set up and ran a 6 a-side football team which played matches every Monday at our local leisure centre for 2 years. I was in charge of the finances and making sure everybody got a fair amount of time on the pitch (including myself)! I am also a qualified Level 7 Referee with Hampshire FA, and I officiated matches on the weekends from age groups ranging from U10's to U18's, later transitioning to evening adult 6-a-side refereeing.

As well as football, I play the guitar, sing and have performed at many open mic nights and even a local Christmas concert. I always make the Ed Sheeran live concerts and am a big fan! These experiences have improved my confidence, communication and organisational skills and I believe make me a well-rounded person.

Relevant Skills

Programming Languages/Technologies

- C++
- HTML
- JavaScript
- CSS
- Python

- Django
- Use of SQLite3 databases
- Small amount of exposure to Java, C# and Xamarin

Other

- MS Office, Azure, Office 365, Outlook, SharePoint
- Familiar with both Windows and MacOS
- A little bit of knowledge about MATLAB.

Work Experience

Much of my work experience is linked to my weekend and evening refereeing. I have been given positive feedback from my refereeing from various football team managers and references are available on request. Prior to this I completed a successful week's placement at Little Kickers helping pre-school children with their football skills and other essential skills such as colour recognition.

During the summer holidays in 2018, I also had the opportunity to do two days of work experience in the IT department of a large international Pharmaceutical company called Novartis in their office in Frimley. During these couple of days, I was able to talk to multiple employees about their experiences and visions for the company. One that is particularly memorable was a conversation I had about automation in the workplace, which was very interesting to see how this could be done in a meaningful way in the pharmaceutical industry. Another very insightful conversation I had was about how technology could be applied more in the workplace from a business standpoint. This wasn't so much a conversation that went into technical details unlike the above, it was more so how technology could be applied in general.

Education

University of Buckingham 2019-2021

BSc Computing – 2:1 Honours

Sixth Form College Farnborough 2017-2019

- A Level Computer Science - B
- A Level Mathematics – B
- A Level Physics - D

Court Moor School 2012-2017

- GCSE English Language - 6
- GCSE English Literature - 5
- GCSE Mathematics - 8
- GCSE Biology - B
- GCSE Chemistry - B
- GCSE Physics - A
- GCSE German - B
- GCSE Physical Education - A
- GCSE ICT - A*
- GCSE Religious Education - C
- BCS Level 2 ECDL Certificate in IT Application Skills - Distinction*

School Achievements

- Accepted for Triple Science Award for GCSE in 2015
- Linguist of the Month award for German in 2013
- Linguist of the Month award for Spanish in 2012

Sporting Achievements

- 2017 - Officiated in an Under 14 Boys Hampshire Cup Final (Football)
- 2016 - Competed at District Level for 100m and High Jump (Athletics)
- 2016 - Competed in Hampshire County Championships for 5 different events (Athletics)
- 2016 - Goalkeeper for Surrey League Cup winning team (Football)
- 2016 - Reached Hampshire Schools Cup Semi Finals (Football)
- 2016 - Successfully completed Refereeing Course with Hampshire FA (Football)
- 2014 - U13 Players' Player of the Season (Football)
- 2013 - U12 Players' Player of the Season (Football)
- 2012 - U11 Parents Player of the Season (Football)
- 2011 - Gold Level Award (Swimming)

Yours sincerely,
Matthew Keddie