

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 topics from physical measures such as limiting access to data, to exploitable vulnerabilities, as well as previous notable attacks for example, the WannaCry attack in 2017. I also have enjoyed Web App Development and similar topics such as developing basic Mobile Applications for Androids through the use of emulators, which I have studied 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'.

Whilst I have an interest in Cyber Security and Development, I remain committed to progressing my skills in a Graduate Entry-Level role that would give me a variety of experience from which I could develop further.

I completed my Undergraduate Project with a mix of both Web Development and Cyber Security, during which I created a Cyber Security learning platform web application where you can either have a teacher or student login and teachers can assign tasks to students to complete. These activities range from practical tasks to exploit vulnerabilities (as Ethical Hacking practice), to simple multiple choice questions about Legislation. 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.

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.

Education

University of Buckingham 2019-2021

BSc Computing – 2:1 Honours

Sixth Form College Farnborough 2017-2019 (A Level's)

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

Court Moor School 2012-2017 (GCSE's)

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

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.

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.

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)