Matthew Knowles

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Education

I am currently persuing a masters degree in Mathematics. My main interests are in Algebra. As a result of my studies I have developed a keen eye for detail as well as excellent problem solving skills.

2018–Present	**University of York - MMath in Mathematics. Grade: Expected 2022; Achieved a pass in the York Award**
	First year average: 68%, Second year average: 72%
2016–2018	**A-Levels at Droitwich Spa High School**
	Mathematics: A, Furhter Mathematics, Physics: B, EPQ: A*
2014–2016	**GCSEs at Droitwich Spa High School**
	A*AAAABBBBBC, Maths: A, English: B

Work Experience

I have had a few jobs since leaving high school, the work I have done has given me second-to-none communication and teamworking skills.

20/07/20–Present	**Research Intern, Department of Biology, University of York**
12/10/18–1/10/19	**Student Guide (Mathematics), University of York**
29/10/17–03/09/2018	**Customer Service Assistant, WHSmith**
24/07/17–18/08/17	**Nuffield Research Placement with University of Birmingham School of Physics and Astronomy**

Programming and IT

I am very well versed in the use of computers. I spend a lot of time tinkering with technology and working on fun side projects. My main interests in the field of Computer Science are Cyber Security, Machine Learning and Operating Systems

Python	Several years experience in Python, mostly for data analysis and scientific computing.
Java	Studied Java at university, I am very familiar with this language.
LaTeX	Started using LaTeX during my GCSEs, this includes writing research papers and other documents such as research proposals, presentations (beamer) and this CV.
R	I used R at university, and have done multiple pieces of coursework using it.
Linux	I use Ubuntu as my primary OS, and some experience in Kali.
Miscellaneous	I am profficient in using tools such as Git, and Vim.

Communicative Languages

I have studied several languages since high school, as they are something I find fascinating and gain a lot of enjoyment from.

English	Native Proficiency
Norwegian Bokmål	Intermediate Proficiency (B1/B2)
Urdu	A1/A2 level.
Arabic	A1/A2 level.
Russian	GCSE Grade B (A1/2 level)
German	GCSE Grade C (A1 level

Volenteering

27/5/2020–Present	Social Secretary: University of York Taekwondo Club
7/6/2020–Present	Treasurer: University of York Cricket Club
14/4/2019–31/5/2020	MathSTYC - University of York
15/11/2016–12/05/2017	Maths Tutor at Droitwich Spa High School

Conferences

02/07/18	Presented at the 6th Annual HiSPARC Conference, University of Bath. Research was presented from my Nuffield Research Placement

Sport and other Activities

I have included this section because sport is a huge part of my life and is something very important to me. Being part of a sports team has been huge for making me a more outgoing and confident individual.

Marathons	I train distance running year round; half marathon PB: 1:45:30
Cricket	Right arm medium bowler for the UYMCC 3rd XI
Hockey	Left back for my college's team
Taekwondo	I train Taekwondo for fitness reasons and self improvement.

References

Dr Benoit Vicedo
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