

Matthew Knowles

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Education

2018–Present	University of York - MMath in Mathematics. Grade: Expected 2022 Looking to focus on Mathematical Physics and computational simulation of physical systems. First Year Average: 68%
2016–2018	A-Levels at Droitwich Spa High School Extended Project Qualification: A* Mathematics: A Further Mathematics: B Physics: B
2014–2016	GCSEs A*, 4 A's, 5 B's and 2 C's Maths: A, English: B,B

Work Experience

12/10/18 – Present	Student Guide (Mathematics), University of York This involves showing both parents and students around campus and answering questions they have about university life and making the transition from school to university.
14/07/19 – 10/08/19	Kitchen Porter, Waylands Yard Working in the high pressure environment of the kitchen I was required to keep cutlery and cooking utensils flowing through at a high pace to make sure that customers can eat and the chefs can cook.
29/10/17 – 03/09/2018	Customer Service Assistant, WHSmith Working mainly on tills, I was a general assistant which meant doing odd jobs around the shop, shelf replenishment, banking and helping customers.
24/07/17 – 18/08/17	Nuffield Research Placement with University of Birmingham School of Physics and Astronomy Spent one month researching cosmic rays, using statistical and geometrical techniques to locate potential sources of cosmic rays. The resulting report won third place at the 6 th annual HiSPARC conference at the University of Bath in 2018

Volunteering

April 2019 – Present	MathSTYC - University of York I am a peer mentor for upcoming first year undergraduates, essentially providing a more informal link between them and the department.
15/11/2016 – 12/05/2017	Maths Tutor at Droitwich Spa High School Tutored GCSE maths to students that were deemed to be falling slightly behind in class to bring them back up to speed.

Programming and IT

Python	I have 3 Years of experience using Python. At GCSE I achieved an A* in the programming coursework on Python.
Java	Learning Java at university, less familiar to me than Python but very comfortable
\LaTeX	I have been since \LaTeX GCSEs, this includes writing research papers and other documents such as research proposals and this CV.
R	I studied R at university in my statistics module. I achieved 82% on the coursework in R.
HTML/CSS	Familiar with basic HTML/CSS.
Microsoft Office	Can use all Microsoft Office applications with high degrees of competency. Anything unknown to me I can pick up if needed.

Foreign Languages

English	Native Proficiency
Norwegian Bokmål	Intermediate Proficiency (B1/B2)
Russian	GCSE Grade B (A1 Level)
German	GCSE Grade C (A1 Level)

Conferences

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

Dr Benoit Vicedo
Department of Mathematics, University of York
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