

# Matthew Knowles

mattknowles314@gmail.com  
mk1320@york.ac.uk

55 Broadway  
Fulford, York  
North Yorkshire  
YO10 4JP

November 20<sup>th</sup> 1999  
Mobile/Cell: (+44) 07794235668  
linkedin.com/in/matthew-knowles-51a717145

## Education

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

## Work Experience

12/10/18 – Present	<b>Student Guide (Mathematics), University of York</b> 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	<b>Kitchen Porter, Waylands Yard</b> Working in the high pressure environment of the kitchen I am 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	<b>Customer Service Assistant, WHSmith</b> 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	<b>Nuffield Research Placement with University of Birmingham School of Physics and Astronomy</b> 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 <sup>th</sup> HiSPARC conference at the University of Bath in 2018

## Volunteering

April 2019 – Present	<b>MathSTYC - University of York</b> 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	<b>Maths Tutor at Droitwich Spa High School</b> 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	Intermediate Proficiency (B1/B2)
Bokmål	
Russian	GCSE Grade B (A1 Level)
German	GCSE Grade C (A1 Level)

## Conferences

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

## References

Dr Benoit Vicedo  
Department of Mathematics, University of York  
bv557@york.ac.uk