

ALEXANDER ROWAN-SMITH



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PERSONAL INFORMATION

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| Full Name: | Alexander Philip Rowan-Smith |
| Address: | Yonder, Whitstone Lane, Bovey Tracey, Devon, England, TQ13 9LZ |
| (Term-Time): | I Douglas Villas, Durham, DH1 1JL |
| Date of Birth: | 05-11-1998 |
| Website: | alexrowansmith.github.io |

I am a second-year mathematics student at Durham University. Throughout my time there I have found a passion for **analytics** as well as **mathematical modelling**, both of which I would love to pursue further. Due to my achievements in hockey and other sports I have become very accustomed to working proficiently as part of a team.

EDUCATION AND QUALIFICATIONS

2017 - Present: Durham University, St. Cuthbert's Society 12 S Bailey, Durham DH1 3EE

MMath Mathematics G103:

► Year 1:

Modules Taken: Analysis I (54%), Calculus and Probability I (71%), Discrete Mathematics (72%), Linear Algebra I (71%), Programming and Dynamics I (61%), Statistics (69%).

Overall Percentage: 65.5% (2:1)

► Year 2:

Modules Taken: Complex Analysis II, Analysis in Many Variables II, Numerical Analysis II, Algebra II, Elementary Number Theory II, Probability II, Mathematical Modelling II, Monte Carlo Simulation II.

► Year 3:

Modules Taken: Fluid Mechanics III, Operations Research III, Dynamical Systems III, Differential Geometry III.

2015 – 2017: Exeter Mathematics School, Rougemont House, Castle Street, Exeter, Devon, EX4 3PU

► A-Level Qualifications:

| Subject | AS Grade | A2 Grade |
|---------------------|----------|----------|
| Mathematics | A | A |
| Further Mathematics | A | A* |
| Physics | A | A |
| Geography | C | - |

► Exeter Maths Certificate:

As a part of the certificate I undertook numerous mathematical projects over two years, to discover and research practical applications of maths far beyond the scope of A-Level. These projects include: research into Fourier transforms and series, public-speaking, presentations to the National Hydrographic Office, and experimental programming using virtual reality.

2010 – 2015: South Dartmoor Community College, Balland Lane, Ashburton, Devon, TQ13 7EW

12 GCSE's all A*-C available on request, including Maths and Geography at A* and Physics, Chemistry and Biology at A.

KEYS SKILLS

- Ability to solve problems and abstract thinking.
- Great presentation and communication skills.
- Rigorous and methodical qualities.
- Teamwork and time management.
- Adept with computers and programming knowledge, visit my [website](http://alexrowansmith.github.io) made from scratch using HTML and CSS.

PREVIOUS EMPLOYMENT

June 2015 – September 2018: The Cooperative Food, Trago Mills, Customer Team Member.

- Serving customers and handling requests.
- Working efficiently in a team.

WORK EXPERIENCE

Finlake Holiday Park : Activity Instructor

- Working and entertaining with a wide range of ages.
- Organisation and time management.

ACHIEVEMENTS AND INTERESTS

- Competed for Ashmoor Hockey Club, representing the West of England at the national indoor hockey finals from 2015 to 2017.
- Accredited as an EHB Foundation Umpire.
- BCU Star Award I Certificate in Kayaking.
- Obtained Rookie Lifeguard Gold I and Life Support Awards.

REFERENCES

Dr Anton Savostianov (Academic Advisor), Lecturer in the Department of Mathematical Sciences, anton.savostianov@durham.ac.uk, Durham University, Lower Mountjoy, Stockton Road, DURHAM, DH1 3LE

