

Robert Kerr - CV

Profile

I am a very enthusiastic and knowledgeable individual who takes pride in their ability to lead, work and collaborate in a team. I am a confident person, and I can always be relied upon to complete a task with efficiency, effectiveness, and punctuality.

I always take a creative and inclusive approach to solving problems, and with my competence in mathematics, physics, and computing, I can complete very complex tasks. I challenge myself every day at university, and I love using my knowledge and learning mindset to work in a team to overcome these challenges.

Education

09/2018 - 06/2023: MPhys Mathematics and Theoretical Physics, 3rd year, University of St Andrews

- Running First Class grades.
- Subjects including Mathematical Analysis and Algebra, Quantum mechanics and Computational Physics.
- Expertise in Python and Mathematica, with very high marks in projects on computational maths and physics.
- Thorough knowledge and use of MS Office, namely Excel for laboratory data collection.

08/2012 - 06/2018: Dalziel High School, Motherwell, Scotland

- Advanced Highers (AAA): Maths, Physics and Chemistry, Highers (AAAAAA) including Maths and English.
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Work Experience

10/2020 - Present: Contact Tracer - NHS National Services Scotland

- Communicating with and tracing potential COVID-19 cases
- Challenging and emotional situations where excellent communication and composure is key.

02/2018 - 07/2018: Customer Assistant, Vue Cinemas

- Teamwork and leadership to manage queues and serve customers within a strict schedule.
 - Time management and planning to ensure theatres were cleaned in time and in order.
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Leadership and Positions of Responsibility

04/2020 - Present: Captain, St Andrews University Sub Aqua Club (SAUSAC)

- Lead a large committee, plan diving and training events and coordinate logistics.
- Ensured the club has adapted to the impacts of COVID-19, by implementing safe new training methods, a thorough equipment hygiene system, and online alternatives to diving, such as organising marine recording courses.
- As an Assistant Instructor, teach, lead, and help ensure the safety of trainees.

10/2018 - 08/2020: Officer Cadet, East of Scotland Universities Air Squadron (ESUAS)

- Infantry commanding and flight training requiring excellent leadership and ability to work under pressure.
 - Squadron presentations and debates which improved my public speaking skills enormously.
 - Coordinated the transport of a large contingent of the squadron to a Remembrance parade.
 - Military Service Steward at the Wimbledon Championships (07/2019):
 - Swift queue coordination, checking of tickets and overseeing the behaviour of the crowd.
 - Demonstrate responsibility and composure as a military representative in uniform.
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Awards

- Dean's List - Univ. of St Andrews: 2019 and 20
 - Arkwright Scholarship: 2016
 - British Education Award: 2017
 - School Vice-Captain (Dalziel High School): 2017-18
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Hobbies and Extra-Curricular Interests

- A love for the outdoors and have a passion for diving, snorkelling, and hiking.
 - Enjoy programming in my spare time and have experience in Python, Java, Arduino, Raspberry Pi, Git and L^AT_EX
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Licences and Certifications

- UK Driver's Licence: 2017
- BSAC Sports Diver and Assistant Diving Instructor: 2020