

## Academic reference for Mr Ruaridh John Morgan

### PhD in Applied Mathematics and Theoretical Physics

#### Referee Details

<b>Name</b>	Dr Farhad Babaei	<b>Job title</b>	Lecturer
<b>Email</b>	farhad.babaei@bristol.ac.uk	<b>Department</b>	School of Mathematics
<b>Phone</b>		<b>Institution</b>	University of Bristol
<b>Relationship</b>	Personal tutor	<b>City</b>	Bristol
<b>Known for</b>	4 years	<b>Country</b>	United Kingdom

#### Reference

<b>Academic ranking</b>	Among the top 5% in year (i.e., in the top 2 if the group size was 40) 400
<b>Student potential</b>	Strong independence of thought/critical evaluation skills/distinctly original
<b>Course suitability</b>	Exceptionally Suitable

Reference provided as uploaded file. Please see the next page.



Farhad Babaei,  
Lecturer in Pure Mathematics  
School of Mathematics,  
University of Bristol  
Fry Building, 2.13  
Woodland Road  
BRISTOL, BS8 1UG

January 7, 2025

**To whom it may concern,**

It is my pleasure to strongly recommend Mr. Ruaridh (Ru) John Morgan for his PhD in Applied Mathematics and Theoretical Physics at the University of Cambridge.

I have known Ru since September 2021 in multiple capacities: as his personal academic tutor and as a lecturer for Mathematical Investigations and Linear Algebra. I can confirm that Ru ranks among the top 5% of our students within a cohort of approximately 400 students from the September 2021 intake, making him an exceptional candidate for a PhD.

During the Mathematical Investigations course, the students completed three group projects and delivered presentations on these topics. Despite the challenges posed by the limited mathematical background of first-year students, Ru exhibited commendable effort by taking up leadership roles within his groups. In the Linear Algebra course, which delved into abstract concepts, Ru consistently stood out during problem-solving sessions and ultimately achieved a comfortable first-class mark.

Throughout my four years as Ru's academic tutor, he consistently demonstrated outstanding talent and dedication. He is smart, diligent, and also a keen rugby player with mental toughness, focus, and adaptability. For instance, Ru broke his dominant hand last year, but this did not stop him from progressing. He adapted by learning to write with his non-dominant hand, changing his note-taking methods, and ultimately achieving comfortable first-class marks. I admire this resilience, and I believe it will be a valuable asset when he begins his PhD research.

Ru's diverse range of courses, with first-class marks in a variety of topics, demonstrates his curiosity, competence, and broad interests. Additionally, his strong interest in sports highlights his excellent time management skills. Therefore, I have full confidence in Ru's ability to thrive in your program. Therefore, I recommend his application without hesitation.

Thank you for considering Mr. Ru Morgan's application. Please do not hesitate to contact

me if you require any further information.

Sincerely,  
Farhad Babaei

A handwritten signature in blue ink, reading "Farhad Babaei". The signature is written in a cursive style with a large initial 'F'.