



## DUNCAN



### *Mathematics Tutor*

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#### **Education**

University of Oxford: PhD Mathematics (Starting Oct 2020)

University of Oxford: MMath Mathematics (2015-2019)

I graduated with a 1<sup>st</sup> class degree with 86% overall (including a strong first-class dissertation). I received the Gibbs prize for coming top of my year.

International Baccalaureate: 45/45

Higher levels: Maths (7); Physics (7); Chemistry (7)

Standard levels: English (7); Economics (7); Latin (7)

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#### **Teaching Experience**

Working as an online tutor, I have gained experience teaching a range of levels, from school maths up to university-level content. I have led students through a range of topics, both on the pure and applied side, by explaining tough concepts and working through problems together. I have really enjoyed seeing people improve at the areas they found the toughest and get to grips with new concepts!

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#### **Testimonials**

“Duncan was a patient, brilliant, and insightful tutor. He asked appropriate questions to help me figure out the solutions and was more than willing to bounce ideas around for difficult problems. In addition to a mastery of the subject Duncan brings a cheerful and persistent attitude that helps anyone get through difficult problems.” (Undergraduate Maths Student)

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#### **Maths Tuition Approach**

I am keen to provide you with lessons that are highly personalised to your ability and goals – just let me know which areas you'd like to work on! Some students come with an idea of which topics they would like to improve on, in which case we can work on any theory questions they have and go through example problems they may be struggling with. For other students, it may be best to start with the exercises, and use these to spark discussion and teaching when we encounter difficulties. Often, it is a combination of time spent grappling with the content/theory and working through example questions together that helps the most!





For university interview practice specifically, I would usually look to use example interview questions as the focus of lessons, both as problems to work through together and as mock-style practice. This would be combined with some non-mathematical tips for how to come over well in a maths interview setting.

