

Jujian Zhang

PERSONAL DETAILS

Birthday May 20, 1998
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EDUCATION

MA. Philosophy 2020-2021
University College, London

Msc. Pure Mathematics 2019-Present
Imperial College, London

BSc. Mathematics First Class Honours 2016-2019
University of Bristol

RELATED EXPERIENCE

Proof Verification 2020
Imperial College London

I used LEAN to formalise some theorems in transcendental number theory such as countability argument of existence of transcendental number, Liouville theorem, transcendence of e See: <https://github.com/jjaassoonn/transcendental>

Math Café 2018-2019
University of Bristol

I am hosting a Q&A session of Metric Spaces for second year student by guiding them through exam-style question with detailed thought processes and exploring some further examples of related definitions.

Funded Study 2018
University of Bristol

In 2018 summer break, I studied some topics in topology and differential manifolds under supervision of Dr. Roman Schubert.

iOS app Development 2015
High School Affiliated to Renmin University of China

(Discontinued) My classmate and I together developed an iPhone application capable of symbolic differentiation, plotting functions, solving equations numerically (using Newtonian iteration).

SKILLS

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| <i>Programming</i> | Python, Haskell, C, Lean Mathematica, LaTeX |
| <i>Language</i> | English (fluent), Chinese (Native), Sanskrit (Basic) |

AWARD

Faculty Prize Winner

2018

University of Bristol

Awarded to the highest performing undergraduate students at the end of the second year of BSc Mathematics

International Mathematical Modelling Challenge (High School)

2015

High School Affiliated to Renmin University of China

Beijing, First Prize

British Mathematical Olympiad Round 1

2014/15

High School Affiliated to Renmin University of China

Certificate of Distinction