

Michael Alexander Daas

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Born: August 30, 1997—Zaandijk, The Netherlands

Nationality: Dutch

Current position

PhD candidate in Number Theory, Leiden University

Areas of specialisation

Number Theory, Arithmetic Geometry

Work Experience

- 2012-2017 St. Michaël College, Zaandam - *personal tutor and assistant developer of a digital maths platform for high school students*
- 2016-2021 Freelance tutor in mathematics
- 2016-2024 Nederlandse Wiskunde Olympiade - *trainer and tutor for a group of talented students and organiser BxMO 2019*
- 2018-2020 University of Amsterdam - *Teaching assistant for bachelor level courses*
- 2020-2024 Leiden University - *PhD candidate in Number Theory under supervision of Jan Vonk and Peter Stevenhagen*

Education

- 2009-2015 High School Diploma St. Michaël College, Zaandam - *GPA: 9.0/10*
- 2015 CAMBRIDGE ENGLISH Level 3 Certificate of Proficiency, Amsterdam
- 2015-2018 BSC in Mathematics, and Physics and Astronomy, University of Amsterdam - *Double Honours Program, Double Cum Laude, 320 EC, GPA: 9.3/10*
- 2018-2020 MSc in Mathematics, University of Amsterdam - *Cum Laude, 187 EC, GPA: 9.3/10*

Grants, honours & awards

- 2012 First prize IJSO Netherlands - *IJSO is an olympiad focussing on physics, biology and chemistry;*
- 2012 Bronze medal international IJSO, Iran;
- 2015 Bronze Medal BxMO 2015, Luxembourg - *the BxMO is an annual mathematics competition for high school students from the BeNeLux;*
- 2015 Certificate of participation IMO 2015, Thailand - *the IMO is an annual mathematics competition for high school students from all around the world;*
- 2016 Bronze medal IMC 2016, Bulgaria - *An annual mathematics competition for university students;*
- 2016 Jong Talent Aanmoedigingsprijs 2016, The Netherlands - *a prize for the best first year mathematics student from the University of Amsterdam;*
- 2017 Gold medal IMC 2017;
- 2018 Winner LIMO - *the LIMO is an annual mathematics competition where students from all over the Netherlands compete in groups of four;*
- 2018 Silver medal IMC 2018;
- 2019 Gold medal IMC 2019;
- 2021 Award for best contributed talk at the Diamant symposium - *a biannual Dutch mathematics conference featuring speakers from many different research fields.*

Teaching

- 2018 TA for Linear Algebra 2 - *bachelor level course at the University of Amsterdam (UvA);*
- 2019 TA for Representation Theory and IMC Training - *bachelor level courses at the UvA;*
- 2020 TA for Galois Theory and IMC Training - *bachelor level courses at the UvA;*
- 2020 TA for Analytic Number Theory - *master level course taught nation-wide;*
- 2021 TA for Topics in Number Theory - *master level course in Leiden;* TA for Algebraic Number Theory - *master level course taught nation-wide;*
- 2022 TA for Modular Forms and Analytic Number Theory - *master level courses taught nation-wide;*
- 2023 TA for Topics in Number Theory - *master level course in Leiden;* TA for Diophantine Approximation - *master level course taught nation-wide;*

Languages

Dutch (native language) – English (fully proficient) – German (intermediate)