

WILLIAM ANGUS

curriculum vitæ

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EDUCATION

Oriel College, University of Oxford

October 2022 – September 2024

Master of Science in Advanced Computer Science

Distinction

Dissertation: “String and Box Diagrams for Topoi”; supervised by [Vincent Wang-Maścianica](#). A slightly modified version can be viewed at

williamangus.co.uk/assets/files/cs_dissertation.pdf.

University of St Andrews

September 2018 – June 2022

Master of Arts (Honours) in Mathematics and Philosophy

First Class (19.0/20)

Mathematics dissertation: “Classifying Logics: Abstract Model Theory, an Introduction”; supervised by [Peter Cameron](#), and “Highly Commended” by the assessors. A slightly modified version can be viewed at williamangus.co.uk/assets/files/maths_dissertation.pdf.

Philosophy dissertation: “Naïve Set/Class Theory and Second Order Paraconsistent Logic”; supervised by [Aaron Cotnoir](#). A slightly modified version can be viewed at

williamangus.co.uk/assets/files/philosophy_dissertation.pdf.

GRANTS, SCHOLARSHIPS, PRIZES, AND AWARDS

Google DeepMind Scholarship (£29,402)

October 2022 - September 2023

A scholarship, fully covering tuition and living costs, to undertake an MSc in Advanced Computer Science at the University of Oxford. This scholarship is awarded to a members of “under-represented groups in AI”.

Bell Prize in the Faculty of Arts (£50)

2022

Awarded annually to the best student in the Faculty of Arts who is *proxime accessit* to the Miller Prize (which is awarded to the most distinguished student in the Faculty of Arts who has taken his or her degree during the year).

Principal’s Scholarship for Academic Excellence (£1,000)

2022

Awarded annually to the fifty final-year students, at the University of St Andrews, whose academic performances are the highest in their respective faculties.

Grant for Undergraduate Research in Pure Mathematics (£1,608)

2021

I was awarded a grant, during July and August, for exploring, under the supervision of [Collin Bleak](#), whether R J Thompson’s group T has commutator length 1, along with two other undergraduates at the University of St Andrews.

Bruce of Grangehill and Falkland Prize (£100)

2019/20

Awarded to the best student in Second Year Logic classes.

Dean's List ×4

2018-2022

Awarded to students who average above 16.5 in all modules across the academic year.

EMPLOYMENT

Government Communications Headquarters (GCHQ)*July 2016 – August 2016**Cyber Exposure Summer School*

I spent the summer under the supervision of cyber-security experts learning various skills to help secure (and ‘ethically hack’) computer systems. *E.g.*, cryptography, networking, program compilation, &c.

SOFTWARE

I have extensive experience programming in Python, C, Agda, and Haskell. I am proficient with $\text{\LaTeX}$ and TikZ. I have a passing familiarity with many other programming languages, and I am proficient working on Unix-like systems, and with tools including the GNU tool-chain, Git, Vi(m), and Sh.

[`thompyson`](#)

A Python 3 package for computations in R.J. Thompson’s groups F and T .

SKILLS

Languages

Classical Greek

Intermediate

Classical Hebrew

Basic