

Thomas Waring

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EDUCATION

- **University of Melbourne** Melbourne, Victoria
Master of Science 2020 – 2021
 - Majored in **Mathematics and Statistics**, specialising in **Pure Mathematics**.
 - Final weighted average mark of **96.4%**, graduated December 2021 with distinction.
 - Thesis on **Geometric Perspectives on Program Synthesis and Semantics**.
- **University of Melbourne** Melbourne, Victoria
Bachelor of Science 2017 – 2019
 - Majoring in **Mathematics and Statistics**, specialising in **Pure Mathematics**.
 - Graduated December 2019 with a weighted average mark of **89.76%**.
- **Christ Church Grammar School** Melbourne, Victoria
High School 2009 – 2016
 - Australian Tertiary Admissions Ranking (ATAR) of **99.90**.
 - Awarded a General Exhibition.
 - Scored in the **100th** percentile on the Undergraduate Medical Admissions Test (UMAT).

EMPLOYMENT AND VOLUNTEERING HISTORY

- **Tutor** 2019 –
University of Melbourne, Queen's College and Little Hall
 - I tutor second-year mathematics at the University, and physics and maths up to a third-year undergraduate level for the colleges.
 - This requires comprehensive knowledge of the subject matter, as well as adaptable communication skills appropriate to the wide range of students.
 - At Queen's, I was awarded (by election) tutor of the semester for August - November 2019.
- **Developer and "Creator"** 2019
Synergetics Consulting Engineers
 - Funded by a larger engineering company, a small group of peers and I acted as an incubator team for a data-driven app.
 - This has involved coding in Python, as well as higher level management and strategic-direction choices.
- **Volunteer Roles** 2018
Queen's College
 - As President of the William Quick Club, I oversaw the organisation of cultural events involving 250+ people. Amongst other things, this involved liaising with charity groups, and chairing meetings. This role was appointed by election.
 - As an Alternative Pastoral Carer, I took responsibility for the well-being of 20+ undergraduates. I was trained in mental-health first aid, and was involved in both person-to-person care, and wider community event-planning.

SKILLS

- Coding experience in Python, C and Haskell.
- First aid: cardiopulmonary resuscitation, basic emergency life support, first aid.
- Standard mental-health first aid.

ACHIEVEMENTS

- 2021: Wyselaskie Scholarship in Mathematics
- 2020: Masters Exceptional Talent Scholarship in the School of Mathematics and Statistics
- 2020: Mathematics and Statistics Vacation Scholarship
- 2019: Tweddle Scholarship (Queens College)
- 2017: Fellows Scholarship for Academic Excellence for 2018
- 2016: Represented Australia at the UNESCO-run International Physics Olympiad (Bronze Award)
- 2016: Asian Physics Olympiad (Honourable Mention)
- 2015: Gold Medals in the Physics and Chemistry Olympiad Qualifying Exams

REFERENCES

- **Dr. Dave Collins**
Director and Principal Engineer
Synergetics Pty Ltd
 - **Mobile:** 0438 394 191
 - **Email:** davec@synergetics.com.au
 - **Address:** 490 Spencer Street, Melbourne, 3003
- **Dr. Sally Dalton-Brown**
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