Timothy **Gummer**

Associate Actuary (AIAA) · Data Enthusiast · Passionate Teacher & Learner

Sydney (Australia)

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💡 Summary

- Actuary (AIAA) with three years of experience as an analyst at Finity Consulting.

- Currently taking a leave of absence in order to focus on my family, studies and personal pursuits .

- Strong technical skills particularly in the R and VBA programming languages.

- Previously worked as a sessional tutor at Curtin University and continue to have a passion for education.

💼 Work Experience

Finity Consulting
Sydney, NSW

Actuarial Analyst
Feb. 2020 - Jun. 2023

- Gained a strong grounding in a variety of actuarial functions (valuation, monitoring, pricing, data analytics) and applied them to broad range of general insurance practice areas (CTP, workers compensation, personal lines, commercial property, government departments/insurers, self-insurance etc.)
- Involved in internal research and development by performing development, maintenance and technical support on Finity's Excel toolbar.
- Created a new internal tool ("finFiles") using R and VBA for working with links to Excel files which resulted in savings of tens of billable hours per project on some larger valuation projects and hundreds of hours overall.
- Key contributor to Finity's learning and training initiatives, delivering Excel training to both graduates and new hires as well as other internal presentations on technical subjects (VBA, R, internal tools).

Curtin University EECMS
Bentley, WA

Sessional Tutor
Feb. 2019 - Nov. 2019

- Performed marking and teaching for three units (*Introduction to Data Science*, *Mathematics and Probability Theory* and *Theory of Interest*).
- Demonstrated a keen interest in actuarial education by proactively seeking out opportunities to teach.
- Set a precedent that allowed other actuarial students to pursue sessional tutoring themselves.
- Received strong positive feedback from students in end of semester surveys.

Self Employed
Perth, WA

Private Tutor
Feb. 2016 - Nov. 2018

- Tutored individual students in university units *Statistical Probability* and *Statistical Data Analysis* and high school mathematics.
- Effectively communicated with students (and parents where applicable), to clarify desired outcomes.
- Delivered material in an enthusiastic and accessible manner, often piquing students' interest in mathematics and statistics beyond their course of study.

Innovation Central
Bentley, WA

Data Science Intern
Nov. 2017 - Feb. 2018

- Utilised a large pathology dataset (diagnostic urine and blood samples) to provide important insights into the WA healthcare system.
- Hones skills in R and Tableau for analysis and visualisation, using them to build a useful solution to the problem.

Sizzler, Pescado Seafoods, Optus Stadium
Perth, WA

Various Casual Jobs
Jul. 2013 - Jun. 2019

- Performed a range of hospitality and customer service duties.
- Built confidence and interpersonal skills.

🎓 Education

Actuaries Institute Australia
Sydney, NSW (Online)

Fellowship Program
2021 - Present

- Currently in progress.
- Studying the following subjects (one subject at a time): *General and Health Insurance Valuations*, *General and Health Insurance Pricing and Portfolio Analytics*, *Data Science Applications*.

Actuaries Institute Australia
Sydney, NSW

Associate of the Institute of Actuaries
2023

- Obtained associate designation in 2023.
- Met requirements at the start of 2021: Part I (equivalent of the Foundations Program), Actuary Program, 1 year work experience.

Actuaries Institute Australia   *Sydney, NSW (Online)*

ACTUARY PROGRAM   *2020*

- Passed *Communication, Modelling and Professionalism*.

Macquarie University   *Macquarie Park, NSW (Online)*

ACST8095 ACTUARIAL DATA ANALYTICS   *2020*

- Gained exemption from the DAP - Data Analytics Principles Actuaries Institute subject (now "Data Science Principles").

Curtin University of Technology   *Bentley, WA*

BACHELOR OF SCIENCE (ACTUARIAL SCIENCE) (HONOURS)   *2019*

- Course weighted average: 85.8%.
- Graduated with First Class Honours.
- Achieved exemption from all university-delivered subjects in the old Part II program.
- Honours dissertation: "Performance Comparisons of Generalised Age-Period-Cohort Models"
- Various extracurricular activities including Student Actuarial Society Committee (Honours Representative) and Social Sport (Netball and Basketball).

University of New South Wales/ Australian Mathematical Sciences Institute   *Kensington, NSW*

AMSI SUMMER SCHOOL   *Jan. 2019 - Feb. 2019*

- Studied two 4-week, honours-level courses: *Stochastic Modelling* (for university credit) and *Mathematical Methods for Machine Learning* (not for university credit).
- Received a *AMSI travel grant* which covered flights to Sydney and accommodation on campus at UNSW.

Curtin University of Technology   *Bentley, WA*

BACHELOR OF SCIENCE (ACTUARIAL SCIENCE)   *2016 - 2018*

- Course weighted average: 92.6%.
- Attained a high distinction grade in every unit.
- Graduated with Distinction.
- Achieved exemption from all 8 Actuarial CT exams.
- Various extracurricular activities including Student Actuarial Society Committee (IT Officer), Blaker's Mathematics Competition, Curtin Volunteers, Curtin Open Day, New to Curtin Mentoring, Social Sport (Netball and Basketball) and Deloitte Development Program.

John XXIII College   *Mt. Claremont, WA*

WESTERN AUSTRALIAN CERTIFICATE OF EDUCATION (SECONDARY SCHOOL)   *2010 - 2015*

- ATAR: 98.60.
- Curtin Excellence Scholarship.

☰ Skills

Advanced	R, VBA, Excel.
Intermediate	Python, LaTeX, Microsoft Office suite (Word, PowerPoint, Outlook).
Basic	HTML, CSS, JavaScript, Tableau, Power BI.

🏆 Honours & Awards

2018	**Price Waterhouse Coopers Prize,** awarded for outstanding performance by a full-time third year actuarial science student.	*Curtin University*
2017	**Dean's Award,** awarded to the most outstanding second year student in the school of science.	*Curtin University*
2017	**S T Waddell Prize,** awarded for outstanding performance by a full-time second year actuarial science or mathematics student.	*Curtin University*
2017	**Vice Chancellor's List×2,** awarded to the top 1% of Curtin undergraduate students based on academic achievement (received in semesters one and two).	*Curtin University*

📅 Extracurricular Activities

Curtin Student Actuarial Society (SAS)   *Bentley, WA*

COMMITTEE MEMBER   *2017-2019*

- IT Officer (2017 & 2018) and Honours Representative (2019).
- Was a keen contributor to the Curtin actuarial science community.
- Created the original SAS guide, a document which outlines useful information for actuarial science students at Curtin University. It was downloaded by over 100 students in its first year of issue and continues to be maintained by the current SAS committee.
- Delivered a technical workshop to students on LaTeX in 2019.
- Maintained the SAS website and assisted with organising and promoting events.