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📧 aaron.stockdill.nz

# Aaron Stockdill

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## Education

- 2016 **Bachelor of Science with Honours**  
*Expected University of Canterbury.*  
Majoring in Computer Science: “Neuromorphic Computing with Reservoir Neural Networks on Memristive Hardware”.
- 2013 – 2015 **Bachelor of Science**  
*University of Canterbury, GPA 8.83 of 9.*  
Majored in Computer Science and Mathematics.

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## Employment

- 2015 – Present **University of Canterbury, Computer Science Tutor.**  
2015 courses: “Introduction to Computer Programming” and “Introduction to Computer Science”. 2016 courses: “Algorithms” and “Introduction to Computer Networks and the Internet”.
- 2014 – 2015 **ARANZ Geo Leapfrog, Software Developer Intern.**  
Developing Geological Modelling software for the mining industry as a summer internship to get experience at an established software company.
- 2014 – Present **Potato Softworks, Founder, Web Designer, Programmer.**  
Founded this web design company, lead web designer, software developer.
- 2014 – 2016 **NumberWorks’nWords, Mathematics Tutor.**  
Taught students of all school ages, specialising in High School level, particularly Algebra and Calculus.
- 2012 – Present **Mathematics Tutor, Private.**  
Provided in-home mathematics tutoring for High School students, teaching all levels from Years 9 to 13 / Forms 3 to 7.
- 2012 – 2014 **Dick Smith Electronics, Salesperson.**  
Responsible for sales, stock handling, conflict resolution, and store openings and closings.

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## Personal Skills

- Communication Most of my work has been in education, where most of the job is communication. My time in retail means I have strong conflict-resolution skills.
- Organisation I am an exceptionally organised person, as evidenced by pursuing higher education, and starting my own company. Much of my extracurricular work requires me to be well organised.
- Leadership I run a company, am responsible for many students, and have organised and run several events for MathSoc at the University of Canterbury. I am willing to take charge, and have the commitment and skills to see a project through to completion.

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## Technical Skills

- Languages Python, HTML/CSS/JavaScript, Clojure, C, Fortran and L<sup>A</sup>T<sub>E</sub>X. Working knowledge of C++, Haskell, PHP and Swift.

Tools    Confident on the command line, frequently working on remote servers through SSH.  
VCS experience: Git, Mercurial, and Subversion.

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## Awards

- 2016    **Freemasons University Scholarship**  
*University of Canterbury.*  
Awarded for academic merit, community involvement, and leadership potential.
- 2016    **UC Senior Scholarship**  
*University of Canterbury.*  
Awarded on the basis of academic merit from 200 and 300 level courses.
- 2015    **Graduating BSc Computer Science Student of the Year**  
*University of Canterbury.*  
Awarded for academic achievement throughout my undergraduate study.
- 2015    **Page Memorial Prize**  
*University of Canterbury.*  
Awarded for academic achievement in Level 300 Mathematics.
- 2015    **Allied Telesis Labs Scholarship in Computer Science**  
*University of Canterbury.*
- 2015    **Mathematics and Statistics Scholarship**  
*University of Canterbury, Tier I.*
- 2014    **Mathematics and Statistics Scholarship**  
*University of Canterbury, Tier II.*
- 2013    **Dean's Congratulations**  
*University of Canterbury.*  
Received in recognition of Academic Achievement from Associate Professor Catherine Moran, Dean of Science.
- 2013    **Peter Bryant Memorial Prize**  
*University of Canterbury.*  
Awarded for First Place in 100-Level Mathematics.
- 2012    **Computer Science High Achievers Scholarship**  
*University of Canterbury.*  
Awarded to high achieving students commencing a degree in Computer Science in 2013.

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## Extra-Curricular

- 2015 – 2016    **Scholarship Calculus Tutor**  
*Cashmere High School.*  
Helped out as a Scholarship Calculus Tutor for advanced Year 13 students.
- 2015    **COSC362 Class Representative**  
*University of Canterbury.*  
Served as class representative for COSC362: Data and Network Security, a position that works as a mediator between students and staff to resolve any issues.
- 2014 – 2016    **Member of MathSoc UC**  
*University of Canterbury.*  
Member of the Mathematics Society, on the committee in 2015 and 2016. Involved in tutorials, and ran a  $\text{\LaTeX}$  workshop for Mathematics, Computer Science, and Physics students.
- 2014 – 2016    **Member of CompSoc UC**  
*University of Canterbury.*  
Member of the Computer Society, on the committee in 2016. Attending and running events, and helping out with tutorials.