

# Aaron Stockdill

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## Education

- 2016 **Bachelor of Science with Honours, University of Canterbury.**  
*Expected* Majoring in Computer Science. The title of my report is “Neuromorphic Computing with Reservoir Neural Networks on Memristive Hardware”.
- 2013 – 2015 **Bachelor of Science, University of Canterbury, GPA 8.83 of 9.**  
Majoring in Computer Science and Mathematics.
- 2008 – 2012 **NCEA, Cashmere High School, Excellence Endorsement.**  
Awarded up to NCEA Level 3, all levels endorsed with Excellence.

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## Employment

- February 2015 **University of Canterbury, Computer Science Tutor.**  
– Present Laboratory Tutor in 2015 for “COSC121: Introduction to Computer Programming” and “COSC122: Introduction to Computer Science”. Tutor in 2016 for “COSC262: Algorithms” and “COSC264: Introduction to Computer Networks and the Internet”. Involves teaching computer science to students of wide-ranging abilities.
- November 2014 **ARANZ Geo Leapfrog, Software Developer Intern.**  
– January 2015 Developing Geological Modelling software for the mining industry as a summer internship to get experience at an established software company.
- June 2014 **Potato Softworks, Founder, Web Designer, Programmer.**  
– Present Founded this web design company, lead web designer, software developer.
- May 2014 **NumberWorks’nWords, Mathematics Tutor.**  
– February 2016 Taught students of all school ages, specialising in High School level, particularly Algebra and Calculus.
- February 2012 **Mathematics Tutor, Private.**  
– Present Provided in-home mathematics tutoring for High School students, teaching all levels from Years 9 to 13 / Forms 3 to 7.
- November 2012 **Dick Smith Electronics, Salesperson.**  
– April 2014 Responsible for sales, stock handling, conflict resolution, and store openings and closings.

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## Skills

- Languages Strengths include Python, JavaScript, Clojure and C. A working knowledge of C++, Haskell, PHP and Swift. Extensive knowledge of HTML and CSS/LESS.
- Tools Confident on the command line, frequently working on remote servers through SSH. CVS experience includes Git, Mercurial, and Subversion. Extensive work in LaTeX.

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## Awards

- 2016 **Freemasons University Scholarship**, *University of Canterbury*.  
Awarded for academic merit, community involvement, and leadership potential.
- 2016 **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.
- 2012 **Proxime Accessit**, *Cashmere High School*.
- 2012 **Fraser and Tonkin Scholarship**, *Cashmere High School*.  
Awarded for Excellence in Mathematics and Sciences.

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## Extra-Curricular

- 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.
- 2015 **Scholarship Calculus Tutor**, *Cashmere High School*.  
Helped out as a Scholarship Calculus Tutor for advanced Year 13 students.
- 2014 – 2016 **Member of MathSoc UC**, *University of Canterbury*.  
Member of the Mathematics Society, on the Executive team 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 Executive team in 2016. Attending and running events, and helping out with tutorials.