Aaron Stockdill

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Education

2016	**Bachelor of Science with First Class Honours** *University of Canterbury*, GPA 8.9 of 9. Majoring in Computer Science. Report titled "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.

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.

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.

Technical Skills

Lanuages	Python, HTML/CSS/JavaScript, Clojure, C, Fortran and LaTeX. 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.

Publications

2016   **Restricted Echo State Networks**
Aaron Stockdill and Kourosh Neshatian, AI 2016: Advances in Artificial Intelligence.
Volume 9992 of Lecture Notes in Artificial Intelligence. Springer International Publishing.

Awards & Honours

2016   **Graduating BSc(Hons) Computer Science Student of the Year**
University of Canterbury.
Awarded for academic achievement throughout my undergraduate and honours study.

2016-2017   **Summer Research Scholarship**
Physics Department, University of Canterbury.
To continue my Honours research through the summer break.

2016   **G B Battersby Trimble Scholarship in Computer Science**
University of Canterbury.
Awarded for academic merit, broad knowledge outside of computer science, and research of benefit
to New Zealand.

2016   **Finalist for the Sir Paul Callaghan Eureka Award**
Eureka Trust, for innovation and STEM communication.

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, 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.

Extra-Curricular

2016   **Back to School Speaker**
University of Canterbury.
Invited to speak to Year 13 students at Cashmere High School on behalf of UC.

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 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.