

NICHOLAS FARROW

Web edition résumé, email me for a full copy!

Victoria, Australia

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EMPLOYMENT

Deloitte Summer Vacation - Analytics & Cognitive Consulting 2018
Project in large scale automation of database file transfer systems.

ResearchFirst Project Dec 2017 - Jan 2019
Monash University School of Physics & Astronomy Scholarship Project
Paper titled *The mass distribution of Galactic double neutron stars*, published in *The Astrophysical Journal*. See preprint <https://arxiv.org/abs/1902.03300> (free).

Ski Instructor
Falls Creek Snowsports School 2013 - 2019 part time
Niseko International Snowsports School (Japan) 2015/2016 season

Private Academic Tutoring
Physics for Graduate Medical School Admissions Test (GAMSAT) 2019
Year 10 & 12 Mathematics 2016-

SKILLS

Advanced Python - particularly in Bayesian inference implementation using nested sampling and MCMC, data scraping (web), menial task automation.
See portfolio <https://github.com/NicholasFarrow>

Adept Mathematics and Physics - strong ability to transfer skills into non-science fields; directly through applied mathematics, or indirectly through analytical, logical & problem solving strategies.

Computational - modelling, simulation, and data representation. Experienced in **Python**, **FORTRAN**, **Git**, **HTML**, **CSS**, **L^AT_EX**, **shell**, **Mathematica**. High knowledge of cryptocurrency & blockchain protocols, and markets 2013-. Expert IT problem solving with great awareness of available tools.

Linux & distributed computing systems - Laser Interferometer Gravitational-Wave Observatory (LIGO), specifically with parallel computing using **HTCondor**. 2017-

Teaching - Extensive experience in teaching & instructing both adults and children, in individual and in group scenarios.

Presentation - Trained in public speaking and debating, passionate for presentation opportunities.

EDUCATION

Bachelor of Science - Advanced Research, Monash University 2016-
Currently completing Honours in Physics. Majoring in Physics, and Mathematics.
ResearchFirst Project Scholarship 2017

Brighton Grammar School - ATAR 96.55, Academic Scholarship. 2010-2015

Hampton Primary School - House Captain 2009 2003-2009

QUALIFICATIONS

Australian Professional Snowsports Instructors Level 1	<i>2013</i>
Working With Children	<i>2015</i>
Responsible Serving of Alcohol Certificate	<i>2014</i>

COMMUNITY

Club Committee Member - Monash Snowsports Club.	<i>2016 & 2017</i>
Member - Australian Alpine Club Falls Creek.	
Camp Leader - Sony Children's Camp for students with a mild to moderate intellectual disability (<i>2015</i>). Volunteer from <i>2011-2014</i> .	

LANGUAGES

English - Proficient in high level academic style.
Japanese (elementary proficiency).

INTERESTS

Skiing.
In addition to Physics & Mathematics, also great passion for Biology, Chemistry and all science!
Programming & Computer Science.