

NICHOLAS FARROW

Web version, email for full text!

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EMPLOYMENT

- Deloitte Graduate - Analytics & Cognitive Consulting** *2020-*
- 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
Research on *The mass distribution of Galactic double neutron stars*, published 2019.
- Ski Instructor** *2013 - 2019 part time*
Falls Creek Snowsports School *2015/2016 season*
Niseko International Snowsports School (Japan)
- Private Academic Tutoring** *2019*
Physics for Graduate Medical School Admissions Test (GAMSAT) *2016-*
Year 10 & 12 Mathematics

SKILLS

- Advanced Python** - particularly in Bayesian inference implementation using nested sampling and MCMC, data scraping (web), menial task automation.
See portfolio: git.nickfarrow.com
- 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**, **C**, **HTML**, **CSS**, **L^AT_EX**, **shell**, **Mathematica**, Blue Prism Automation (dev certified), and numerous Amazon Web Services (AWS) products. High knowledge of cryptocurrency & blockchain cryptography, protocols, and markets *2013-*. Expert IT problem solving with great awareness of available tools.
- Linux & distributed computing systems** - Proficient with GNU/Linux environment, remote server access, system maintenance, customisation and operations. Parallel computing at Laser Interferometer Gravitational-Wave Observatory (LIGO), specifically 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. Previously have presented to online teleconferences for LIGO Compact Binary Coalescence group.

PUBLICATIONS

- Nicholas Farrow**, Xing-Jiang Zhu, and Eric Thrane, *The Mass Distribution of Galactic Double Neutron Stars*, The Astrophysical Journal 876.1. [arXiv:1902.03300](https://arxiv.org/abs/1902.03300) (free) *2019*

EDUCATION

Bachelor of Science - Advanced Research, Monash University 2016-
Honours in Physics (HIIA). Majors in Physics and Mathematics.
ResearchFirst Project Scholarship 2017

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

QUALIFICATIONS

Blue Prism Accredited Developer 2020
Australian Professional Snowsports Instructors Level 1 2013
Working With Children 2015
Responsible Serving of Alcohol Certificate 2014

COMMUNITY

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

LANGUAGES

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

INTERESTS

Skiing (& sometimes snowboarding..)
In addition to Physics & Mathematics, also great passion for Biology, Chemistry and science in general!
Quantitative Finance
Programming & Computer Science.
Passionate and driven to learn new concepts and skills.