

KEVIN HAI

An aspiring data engineer with a strong quantitative background and interest in computational problem solving.

PROJECTS & CERTS.

[Physics Models \(GitHub Repo's\)](#)

[Ising Model](#) - [Stellar Model](#) - [Quantum Dot Model](#)

Computational physics model I worked on during my time at UNSW
Key Techniques: Finite difference method, linear algebra and OOP

[Does Height Impact Professional Volleyball?](#)

ETL pipeline (scraping scripts and online database querying)

Supervised Learning Regression Model

Data Viz (In Progress)

[Machine Learning \(Coursera / Andrew Ng\)](#)

[Notes](#)

Includes: Logistic Regressions, Neural networks, SVM's, Anomaly Detection

[Data Science Path \(Codecademy\)](#)

[Notes](#)

Includes: Python, Data Cleaning, Data Visualisation, Natural Language Processing, Machine Learning and Deep Learning

KEY SKILLS

Python

Jupyter, Pandas, SciPy, Matplotlib, Sklearn, BeautifulSoup etc.

ETL Pipelines

Object-Oriented Programming

SQL (Sqlite3)

Linux (Debian)

Linux CLI

C Programming (Basic)

Excel VBA (Basic)

CONTACT AND INFO:

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CAREER HISTORY

TAX ACCOUNTANT

Greenfield Accounting Services / Aug 20 - Nov 21 (~1yr)

- Main liaison for providing for support for over 30 clients (SME's and sole traders); setting up superannuation processes, CoVid-19 grants, maintenance of the general ledger and other tax-related enquiries.
- Onboarded 4 new clients throughout the year, working together to organise their cash flow, balance sheet and business structure to create a profitable and stress-free venture.
- Streamlined workflow by creating macros and cleaning up the firm's central Excel file in order to retrieve client information more easily, contributing to an increase in 8% of lodgements in Nov21 (compared to Nov20).

LIFEGUARD

Sydney Olympic Park & Canterbury-Bankstown Council / Nov 16 - Apr 20 (3.5yrs)

- Maintained proficiency in first responder skills such as First Aid and CPR to provide support to individuals in high-pressure situations leading to 2+ occasions where serious injury to a patron was minimised.
- Experience with upholding the standards of a world-class venue with success in resolving multiple conflicts with a multi-cultural clientele

SALES REP.

Optus / Nov 16 - Mar 17 (5mo)

- Maintaining the store's position as the second-highest grossing store in Sydney through a weekly in-house workshop to develop general pitching and communication skills.

EDUCATION

UNIVERSITY OF NEW SOUTH WALES (UNSW) - EXPECTED AUG 2022

B. Science (Physics)

B. Commerce (Finance)

Relevant courses: Programming Fundamentals, Linear Algebra, Statistical Mechanics, Numerical Methods & Statistics.

HIGHER SCHOOL CERTIFICATE (NSW)

Australian Citizen

Driver's License

First Aid Certificate

EXTRA-CURRICULAR

- Vostok Volleyball Club (2021-2022)
 - Key organiser for venue hire, scrimmage planning and other administration duties for the Men's Division 1 team.
- Treasurer for UNSW Volleyball Club (2019)
 - Coordinated player fees, staff pay, venue hire (for training and scrimmages), accommodation stay (for intrastate events), equipment hire, funding from the University (ARC Sport) and other miscellaneous duties.
- Assistant Coach for Dig/Set/Spike (DSS) Program for UNSW Volleyball (2018)
 - Assisted in running a weekly program for player development and to aid beginner's looking to get into the sport.