KEVIN HAI

https://ibekevinn.github.io/

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 (Ubuntu)
CLI (Bash/Powershell)
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.