

CONNER ZHENG

Data Analyst

ConnerZhengNZ@outlook.com | +64211764497 | 19D Nimstedt Avenue Oteha (willing to relocate)

Linkedin | **GitHub**

SKILLS

Programming Languages: Python, R, SQL, XML

Tools / Platforms: Power BI, Tableau, Excel

Databases: MySQL, MS SQL, PostgreSQL

EDUCATION

The University of Auckland

Data Science Master

Auckland, New Zealand

2022 - 2023 GPA: B+

Auckland University of Technology

Computer Science Bachelors

Auckland, New Zealand

2018 - 2020 GPA: A-

EXPERIENCE

Earth Action Trust | Research Analyst

Auckland New Zealand | May 2024 - Now

- Collect and analyze relevant statistics to assess the impact and effectiveness of the organization's programs and initiatives.
- Utilize statistical tools and techniques to derive meaningful insights from collected data.
- Create visually compelling and informative presentations that highlight the organization's social, financial, and environmental outcomes.
- Develop clear and concise reports to communicate the impact of the organization's work to people.
- Assist in preparing and submitting funding applications, ensuring that all required information is accurately presented.

RisosEnterprises Ltd | Data Analyst

Auckland New Zealand | May 2023 - Dec 2023

- Engaged in an Image processing project at a deep tech startup company.
- Project involves decoding holograms, applying super-resolution, and object detection using machine learning models.
- Analyzing outputs and generating insightful data visualizations.
- Interpreting results to guide business decisions.
- Improved model accuracy by about 15%.

The University of Auckland | Graduate Teaching Assistant

Auckland, New Zealand | March 2022 -

Nov 2022

- Worked as a Teaching Assistant for SOFTENG 351: Fundamentals of Database Systems.
- Deepening understanding of database management systems, SQL queries, and data modelling techniques.
- Honing skills in effectively communicating complex concepts to students.

PROJECTS / OPEN-SOURCE

Integration of Few-Shot and Hierarchical Learning

Python, R, SQL

- Developed a robust model for insect classification using a limited dataset for Master's thesis with the Manaaki Whenua-LandCare Research, showcasing strong data analysis and modelling skills.
- Achieved a 92% accuracy rate for the test.
- Managed the entire data pipeline:
 - Pre-processed and transformed unorganized data into a clean, usable format for machine learning, highlighting expertise in data cleaning and preparation.
 - Conducted in-depth data analysis on the processed data, applying advanced analytical techniques to extract valuable insights.
 - Gained hands-on experience in managing and refining complex datasets, a crucial skill for a data analyst working with diverse and large-scale data.

CERTIFICATIONS

- Microsoft Certified: Azure Data Fundamentals - **Microsoft**
- IBM Data Science Professional Certificate - **IBM**
- Data Analysis and Visualization Foundations - **Coursera**