MINH CHAU

I am a persistent and accountable graduate with more than two years experience using statistical analysis and reporting software. I am seeking employment that will enhance my profession as a Data Analyst in producing reliable statistics, and thus contribute to New Zealand society.

🎓 EDUCATION

Master of Applied Statistics
03/2019 | 06/2020
Victoria University of Wellington — 📍 Wellington, NZ

Bachelor of Science in Statistics
03/2015 | 06/2018
Otago University — 📍 Dunedin, NZ

💼 WORK EXPERIENCE

Research Assistant
08/2020 | current
Massey University Wellington — 📍 Wellington, NZ

- Communicate with the client clearly to fulfil requirements
- Prepare and transform survey data for analytical purposes
- Create informative graphs and tables to present key findings
- Apply statistical methods to data and produce insightful interpretations in plain English

Sessional Assistant
04/2020 | current
Victoria University of Wellington — 📍 Wellington, NZ

- Mark 100-level statistics assignments and projects
- Attend to training and meetings
- Enter assignment grades correctly and in accordance with the marking system's guidelines

Intern/Data Analyst
03/2020 | 06/2020
Harmonic Analytics — 📍 Wellington, NZ

- Extract, transform and analyse time series data to draw appropriate interpretations and conclusions
- Construct time series models to make monthly and yearly predictions
- Produce an interactive Shiny dashboard to present predictive techniques and significant statistical results
- Co-operate with supervisor and manager to deliver according to the client's requirements and ensure data quality is optimised

CONTACT

- ✉ *minh.chau@outlook.co.nz*
- 📞 *+64-22-036-1978*
- ◯ *Github profile*
- 🏠 *Personal website*
- in *Linkedin*

PACKAGES

Statistical Programming:
- ❑ Experience with R
- ❑ Exposure to SAS, SPSS, SQL

Web development: HTML, CSS
Machine learning: Python
Reporting: R Markdown, Latex
Data Visualisation: Shiny, Flexdashboard, Dash
Workflow: Github, Gitlab
MS Office: Excel (Analysis Took-Pak), Power Point, Word

STRENGTHS

Experience with data wrangling and statistical analysing

Build and maintain professional work relationships

Fluent ability to document data processes and outcomes through evidence-based statistical reports

Advanced data visualisation and data presentation skills

Knowledge of quantitative and qualitative modeling methods

Ability to collaborate and work independently

☕ PROJECTS

The following projects which can be found in details on my portfolio, *https://minhchauvannguyen.github.io/,* have helped me to develop and strengthen my analytical, programming and reporting outcomes abilities.

LANGUAGES

❏ Vietnamese (fluent)

❏ English (fluent)

08/2019

Statistical Consulting Assignment   🌐 *Link*

Objective : Investigate the relationship between the amount of fish intake and mercury levels found in fisherman hair.

Key skills learned

- Apply preliminary analysis and descriptive statistics to understand the data better and thus construct appropriate statistical models
- Interpret outcomes of the methods implemented that are relevant and help answer to the report's goals and objectives

REFERENCES

❏ **Shirley Wu**
Operations Manager
Harmonic Analytics
shirley@harmonic.co.nz

❏ **Ploi Yibmantasiri**
Data Scientist
Harmonic Analytics
ploi@harmonic.co.nz

02/2020

Cluster Analysis Research Project   🌐 *Link*

Objective : Outline the research methods neccessary for the analysis of ordinal and binary lingustics data.

Key skill learned

- Research clustering methods for analysing qualitative data
- Construct and compare ordinal models under theoretical framework

06/2020

Time Series Analysis Shiny Dashboard   🌐 *Link*

Objective : Demonstrate time series analysis and predictive modelling methods of data recorded at monthly interval.

Key skills learned

- Design a Shiny dashboard consisting of interactive graphs and tables to summarise the methods used and present the results
- Emphasize important details of the dashboard to ensure it is user-friendly and appeals to a non-technical audience

09/2020

ICMR in patients under 18 years old report   🌐 *Link*

Objective : Investigate the relationship between variables in the context of medical statistics.

Key skills learned

- Generate a report to summarise different statistical techniques and their applications to health data
- Highlight and interpret key findings to answer to the research question and make comments towards future considerations

09/2020

Multi-class Random Forest classifier notebook   🌐 *Link*

Objective - Understand the analysis of multi-class data using a machine learning algorithm.

Key skills learned

- Perform data description and data visualisation
- Evaluate performance and accuracy of Random Forest classifier in fitting imbalanced and balanced data