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 Scientist in producing reliable statistics, and thus contribute to New Zealand society.

🎓 EDUCATION

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

Bachelor of Science in Statistics
Otago University   📍 Dunedin, NZ
03/2015 | 06/2019

♟ WORK EXPERIENCE

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

- Communicate with the client clearly to fulfil requirements
- Prepare and transform survey data for analysis purposes
- Create informative graphs and tables to present key findings
- Apply statistical methods to data to produce insightful interpretations that assist the client in making decisions

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

- 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
Harmonic Analytics   📍 Wellington, NZ
03/2020 | 06/2020

- Extract, wrangle 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

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📞 *+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 (Entry level)

Data visualisation: PowerBI

Reporting: R Markdown, Shiny, Latex

Workflow: Github, Gitlab

MS Office: Excel, Power Point, Word

STRENGTHS

Experience with data wrangling and statistical analysing

Build and maintain professional work relationships

Fluent ability to create evidence-based reports

Good understanding of survey design and analysis

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.

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 explanatory analysis and descriptive statistics to identify trends and patterns in the given data
- Report statistical methodologies and data processes using technical documenting tools

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

- Apply research statistical methods to ordinal data and produce research-oriented report based on theoretical constructs and literature review

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 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 the applications of different statistical techniques to health data and highlight key findings
- Interpret the outcomes to answer to the research question and make comments towards future considerations

09/2020

Multi-class Random Forest classifier technical report   🌐 *Link*

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

Relevant key skills

- Understand the role and concept of machine learning algorithms in relating to data analytics
- Develop a Random Forest classification model for real data in a multi-class setting

LANGUAGES

❏ Vietnamese (fluent)

❏ English (fluent)

REFERENCES

❏ **Shirley Wu**

Operations Manager
Harmonic Analytics
shirley@harmonic.co.nz

❏ **Ploi Yibmantasiri**

Data Scientist
Harmonic Analytics
ploi@harmonic.co.nz

*This resume was made with the R package **pagedown**.*