

# MINH CHAU

I am a hard-working 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

03/2019  
|  
06/2020  
  
03/2015  
|  
06/2018

### Master of Applied Statistics

Victoria University of Wellington

Wellington, NZ

### Bachelor of Science in Statistics

Otago University

Dunedin, NZ



## WORK EXPERIENCE

08/2020  
|  
current

### Research Assistant

Massey University Wellington

Wellington, NZ

- Communicate with the client clearly to fulfil requirements
- Prepare and transform raw survey data for analytical purposes
- Create informative graphs and tables to present key findings
- Analyse data using appropriate statistical methodologies in order to make insightful interpretations about the data

04/2020  
|  
current

### Sessional Assistant

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

03/2020  
|  
06/2020

### Intern/Data Analyst

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](mailto:minh.chau@outlook.co.nz)

+64-22-036-1978

[Github profile](#)

[Personal website](#)

[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, Flex-dashboard, Dash

**Workflow:** Github, Gitlab

**MS Office:** Excel (Analysis Took-Pak), Power Point, Word

## STRENGTHS

Good understanding of predictive forecasting and classification models

Build and maintain professional work relationships

Analytical thinking and problem-solving skills

Advanced data wrangling techniques, statistical inference and probability distributions

Experience with analysing and interpreting qualitative and quantitative data

## 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 Project Assignment** [Link](#)

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

#### Key skills learned

- Apply exploratory analysis to construct appropriate statistical models according to the nature of the data
- Interpret outcomes of the methods implemented that are relevant and help answer to the report's goals and objectives

02/2020

### **Cluster Analysis Research Project** [Link](#)

*Objective* : Outline the research methods necessary for the analysis of ordinal and binary linguistics data.

#### Key skills learned

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

06/2020

### **Time Series Analysis Shiny Dashboard** [Link](#)

*Objective* : Demonstrate time series analysis and predictive modelling methods for 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-statistical audience

09/2020

### **ICMR in Patients Under 18 years old Report** [Link](#)

*Objective* : Investigate potential relationships between features 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

11/2020



### **NZ Music Community Diversity Report** [Link](#)

*Objective*: Analyse gender discrimination and bias within the Aotearoa music community




#### Key skills learned

- Report trends and patterns found in data that indicate an association between gender diversity and experience of discrimination
- Produce graphs and tables from statistical findings to draw evidence-based conclusions

## LANGUAGES

-  Vietnamese (fluent)
-  English (fluent)

## REFERENCES

-  **Shirley Wu**  
Operations Manager  
Harmonic Analytics  
[shirley@harmonic.co.nz](mailto:shirley@harmonic.co.nz)
-  **Ploi Yibmantasiri**  
Data Scientist  
Harmonic Analytics  
[ploi@harmonic.co.nz](mailto:ploi@harmonic.co.nz)
-  **Oli Wilson**  
Associate Professor  
College of Creative Arts  
Massey University  
[o.wilson@massey.ac.nz](mailto:o.wilson@massey.ac.nz)