

MINH CHAU

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



EDUCATION

03/2019
|
06/2020

03/2015
|
06/2019

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 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

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, 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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[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, Power Point, Word

STRENGTHS

Experience with data wrangling and statistical analysing

Build and maintain professional work relationships

Fluent ability to create evidence-based reports

Experience with time series forecasting and predictive modelling techniques

Knowledge of quantitative and qualitative research methods and analyses

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 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

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 of data recorded at monthly interval.

Key skills learned

- Design a Shiny dashboard consisting of interactive graphs and tables to document data processes 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 technical report

 [Link](#)

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

Key skills learned

- Understand the role and concept of machine learning algorithms in relating to data analytics
- Evaluate performance and accuracy of Random Forest classifier used to fit imbalanced and balanced data

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](#).