

MINH CHAU

I am a persistent and accountable graduate with more than two years experience using statistical packages. I am seeking employment that will enhance my profession as a Junior Data Analyst in producing reliable and useful 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 client clearly to fulfil requirements
- Prepare and transform survey data for analysis purposes
- Make informative graphs and tables to present key findings
- Apply statistical methods to data to produce insightful interpretations that assist the client in making decisions

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

- Wrangle and analyse time series data
- Investigate and practice predictive modelling techniques
- Produce an interactive Shiny dashboard to present the methodologies and their relevant statistical results
- Co-operate with supervisor and manager to deliver according to the client's requirements



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 statistical writing abilities.

CONTACT

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🔗 [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)

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

Understanding of qualitative and quantitative research methods and designs

Ability to collaborate and work independently

Experience with time series forecasting and regression modelling

08/2019

Statistical Consulting Assignment

Key skills I learned

- Report statistical methodologies and data processes using technical documenting tools
- Understand the importance of explanatory analysis in choosing the appropriate statistical procedure for the given data
- Investigate the relationship between a categorical variable and a continuous variable using Generalised Linear Models (GLMs)

 [Link](#)

09/2019

Kaggle Data Shiny Application

Key skills I learned

- Analyse count data grouped by age and gender to produce relevant statistical measures
- Perform Poisson regression to understand the relationship between variables
- Build a Shiny application from scratch
- Prepare and run a presentation to explain the purpose and describe the function of my Shiny app

 [Link](#)

02/2020

Cluster Analysis Research Project

Key skills I learned

- Practice research methods for statistical models based on theoretical constructs and literature review
- Examine and perform the analysis of ordinal data through clustering approach
- Evaluate and compare modes using information criteria
- Generate a simulation study to assess the consistency in the estimation of model parameters

 [Link](#)

06/2020

Time Series Analysis Shiny Dashboard for Orange data

Key skills I learned

- Construct time series models to make predictions for monthly data
- Achieve thoroughness and emphasise details to ensure the dashboard is user-friendly and appeal to non-statistical audience
- Build a Shiny dashboard consisting of interactive graphs and tables
- Track, save and update changes made to the dashboard using version control

 [Link](#)

09/2020

ICMR in patients under 18 years old follow-up report

Key skills I learned

- Interpret the outcomes to answer to the research question and make comments towards future considerations
- Analyse data in the context of medical statistics
- Review contingency table analysis in a multi-class setting
- Construct a Bayesian regression model and a Random forest classification model in R

 [Link](#)

On the left, I have highlighted the skills I learned from my projects and work experience that I think are relevant to the role description.

LANGUAGES

- ☐ Vietnamese (fluent)
- ☐ English (fluent)

REFERENCES

- ☐ **Shirley Wu**
Operations Manager
Harmonic Analytics
shirley@harmonic.co.nz
- ☐ **Ploi Yibmantasiri**
Data Scientist
Harmonic Analytics
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