Zhijian Wen

Curriculum Vitae

Personal Summary

I am a graduate with Master major in Statistics, with experiences in data analysis/modelling, programming including developing **R**-package and data mining. I am interesting in programming and I am enjoying to "talk" with computer. I am keen to join your company where I want to utilize my skills in creative.

Education

2016–2017 **Msc - Statistics**, *University of Auckland.*
Key course: Multivariate Analysis, Data Science Practice, Statistical Inference

2015–2016 **BSc(Hons) - Statistics**, *University of Auckland.*
Key course: Bayesian Inference, Statistical Computing, Statistical Modelling
*class representation of **Stats 779***

2012–2015 **BSc - Mathematics and Statistics**, *University of Auckland.*

Projects

Master **Emulate the `persp` plot and `filled.contour` plot in `gridGraphics`.**
*The `persp()` is use for drawing 3-D surface and the `filled.contour()` is use for drawing filled level contour plot in the **graphics**-package, which is the based package in **R**. My job is to convert (redraw) these two kinds of plot (functions) to **grid**.*
Supervisor: Associate Professor Paul Murrell

Honours **Bayesian inference on forensic glass evidence.**
The aim of this project is to fit a zero inflated poisson mixture model and zero inflated negative mixture model to different situations (e.g. The breaker's distance from the window, Proportion of high persistence fragments).
Supervisor: Professor James Curran

Work Experience

2016-2017   **Teaching assistant**, *University of Auckland*.

Tutor and Marker of Stats 220: This course introduces a variety of computer technologies relevant to storing, managing, and processing data. My job is to help students to understand and solve the questions about the coding. Such as `HTML/CSS`, `SQL` and `R`

Marker of Stats 380: A course of statistical computing using the `R` statistical computing environment

2015-2016   **Summer Scholarship**, *University of Auckland*.
Working on the `iNZightMaps`-package, used in the mapping module for **iNZight**
I am one of the author of the `iNZightMaps`-package. I was working on the functions for plotting the geographical data and also made it handle coordinate and country data.

Skills

Advance: R, HTML, LaTeX

Fair: SAS, SQL,jags, Linux, Lua, JavaScript

Basic: C, C++, JAON, XML, MATLAB, Excel

Languages

English, Mandarin, Cantonese

Interest

- Game Computing
- Table tennis
- Statistical Computing
- Physics

Lizzie Long 1 Short Street Middelsburgh Auckland 9999

30 July 2016

Reginald Farnham ABC Sales 85 Tuesday Road Papakura AUCKLAND 7777

Dear Reginald

Thank you for the opportunity to apply for the [Something] role at your company. After reviewing your job description, it is clear that your are looking for a candidate that is extremely familiar with the responsibilities associated with the role, and can perform them confidently. Given these requirements, I am certain that I have the necessary skills to successfully do the job adeptly and perform above expectations.

I am a focused recent college graduate (Master of Statistics) from the University of Auckland. During the course of my academic career, I also managed to accrue nearly 2 years of work experience. I had the privilege of working for University of Auckland in a Teaching assistant role in my free time, where I learned valuable professional skill such as.... In both my academic and professional life, I have been consistently praised as efficient by my professors and peers. Whether working on academic, extracurricular, or professional projects, I apply proven technical, research, and team work skills, which I hope to leverage into the [...] at your company.

After reviewing my resume, I hope you will agree that I am the type of competent and competitive candidate you are looking for. I look forward to elaborating on how my specific skills and abilities will benefit your organization.

Thank you for your consideration, and I look forward to hearing from you soon.

Sincerely,

Zhijian Wen