

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–Present **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.**

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**, Working on the `iNZightMaps` package, used in the mapping module for `iNZight`.

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
- Statistical Computing
- Table tennis
- Physics

I am writing this letter to express my desire to work and innovate for you, for the world. I enjoying on programming. Since my first year at University, I starting learning some programming language such as html/css, Matlab. During the Bachelor Degree of my university life, I learned html, xml, latex, matlab and R. R is one of my favorite programming language therefore I starting doing my Honours and Master degree to learn deeper about R.

During the summer of 2016, I was doing the summer scholarship which working on the `iNZightMaps` package which used for the mapping module for `iNZight`. I leaned a lot of graphics on R, specially the high-level graphics - the `grid` package.

Although I am a statistic student, I coding a lots and I used R to help me to analysis data to defeat any assignments and projects. I started my master dissertation with my supervisor, Dr.Paul Merrel who is a member of R core team, and now I still working on my dissertation.

Talking with computer is interesting. Although I'm not a front-line of programmer, I would like to use my coding experience to solve messy problem, and also willing to learn any other computing language in the future.

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Attached: curriculum vitæ