Tianle Wang

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Personal Profile

A undergraduate student at the University of Toronto, undertaking the Mathematics, Statistics and Computer Science course. Enthusiastic about software engineering and with some experience specialising in python/java development and algorithms Primarily, looking for Software Engineer/Software Developer/Data Engineer/Data Scientist roles.

Education

University of Toronto   *Toronto, CA*
HBSc in Mathematics, Statistics and Computer Science   *Sept 2019 - Sept 2023*

- **Courses:** Introduction to Real Analysis and Complex Analysis, Group Theory, Data Science, Programming for Data Science, Statistical Theory and Methods, Learning Skills through Case Studies, Object-oriented programming, System Programming, Introduction to Algorithm

Work Experience

Shanghai Yuliang Packaging and Printing Co., Ltd   *Shanghai, China*
                                                                                       Jun 2019 - Sept 2019, Jun 2020 - Sept
Data Manager   *2020*

- Count and update the number of productions and consumption of raw materials
- Find, compare and contact raw materials' suppliers
- **Technical Skills:** MS Excel
- **Soft Skills:** Leadership, Time Management, Communication.

Projects

Relationship between individuals who do drugs and infected with HIV from 2010 to 2016   *Hamilton, CA*
Columbia International College   *May 2019 - Jun 2019*

- Specialized, high-integrity, and usable data screening of datasets on the Internet that fits research goals
- Conducted the correlation analysis between individuals with drugging and individuals with HIV by applying hypothesis test, linear regression model to operate a dataset containing data
- Collaborated with the team and contributed to the presentation including the introduction of the methods of analysis, results, and conclusions.
- **Technical Skills:** MS Excel, MS Word.
- **Soft Skills:** Time Management, Teamwork, Presentation skills, Report writing.

Java Based Pokémon-like Word game   *Toronto, CA*
University of Toronto   *Nov 2021 - Dec 2021*

- Design and sort into clean architecture
- Use variety of design patterns make program small, clean and easy understand
- Re-organize functions and class to keep SOLID principle, design Unit-tests, debug and fix Program
- **Technical Skills:** Java, Markdown.
- **Soft Skills:** Time Management, Teamwork, Presentation skills, Report writing.

**Brazilian Counter-Strike Global Offensive Players on Gamers Club: A Study on the
Relationship Between the Kill Participation, Economy and Hits Rate Per Shot in one**   *Toronto, CA*
round.
University of Toronto   *Feb 2022 - Mar 2022*

- Use professional data websites to find suitable data and lock the data published on Kaggle by Gamers Club
- Do literature review and EDA(Exploratory Data Analysis) to clean data
- Use t-statistics, f-statistics and ANOVA to select reasonable model
- Use variety statistical methods(residual plots, transformation, etc.) to re-fit and confirm model
- Summaries, interpret and check problematic observations and model, and present the model
- **Technical Skills:** R, Markdown.
- **Soft Skills:** Presentation skills, Logical Thinking.

Skills

Programming	Python, R(tidyverse, ggplot2), C/C++, HTML/CSS
Miscellaneous	Shell (Bash), LaTeX(Overleaf/R Markdown), Microsoft Office, Git.
Soft Skills	Time Management, Teamwork, Problem-solving, Documentation, Self-learning.