Ruizhe Huang

81 st.mary street, Toronto, M5S1J4 | 647-871-0292 | ruizhe.huang@mail.utoronto.ca

SUMMARY OF QUALIFICATION

- Solid understanding of statistical inference, experimental design, and analysis
- Proficient coding skills in R, data analysis and visualization with ggplot. Enthusiasm for clean code and sharing reproducible results
- Communication skills to work with partners, deliver professional solutions to solve the problem

EDUCATION

University of Toronto   **Toronto, Ontario, Canada**
Bachelor of Science (Hons) in Statistics major   Expected Graduation: 2023
- **GPA:** 3.42 / 4.0
- **Relevant Coursework:** Economics / Mathematics minor classes

PROFESSIONAL EXPERIENCE

Teacher Lu Studio   **Shanghai, China**
Teaching Assistant   2020/07 – 2021/06
- Supervise and tutor the students to complete the assignments (TOFEL/SAT) and write the feedbacks of students' learning status. I help students to develop time management skills on appropriately allocate their time to complete the assignments. I also help students to improve their English vocabulary by correcting their pronunciation and spelling
- Develop the strategy for writing critical feedback and communication skills with clients

RELEVANT PROJECTS

An analysis: Prediction of proportion for voting Canadian Liberal party   2021/11
- Use age, gender, religious affiliation, and household size to predict the proportion of voters who will vote for the Liberal party in 2019. The result predicts that around 34.1% of respondents vote for the Liberal party
- Lead team to do the background research, report writing and data analysis
- Use the method of post-stratification and logistic regression model in R studio

An analysis of what factors have a relationship with bridge condition index   2021/12
- Investigate which variables could have a relationship with the current bridge condition index (BCI). Give some insights for the designers into what variables are most likely to result in the bridge needing maintenance more often
- Build manually selected linear regression model by automated selection and practical reasoning. Perform model transformation and assess the final model by using adjusted R squared, AIC, AIC corrected and BIC. Check the model assumptions by residual plots and Normal Q-Q plots. All analysis performs in R studio

EXTRACURRICULAR ACTIVITIES

UTCES, Member of Media department   2022/01 – present
- Maintain the official social media account to achieve auto-reply with keywords, add menu bar about cooperation and sponsor information. As a result, push on clubs' cooperation and promotion across North America
- Post electronic sports game tournament and game recommendation articles contribute to attracting more subscribers from the target population such as current university students