



Jordan JunSu Ku

Data Analyst / Recent Graduate

I am a recent graduate of University of Waterloo, Bachelor of Mathematics in Honours Statistics. I am experienced in performing Exploratory Data Analysis, Data Visualization, building Interactive Platforms for Data Presentation and Predictive Models in R and Python.



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SKILLS

Data Analysis

R

ggplot2

tidyverse

leaflet

shiny

Data Visualization

Exploratory Data
Analysis

Predictive Modelling

Interactive Dashboard

Data Presentation

Excel VBA

SQL

INTERESTS

Competitive Team
Games

Building Interactive
Data Platforms

Home Renovation

Carpentry

EDUCATION

Honours Statistics

Bachelor of Mathematics, University of Waterloo

09/2012 – 12/2018

Waterloo, ON

Scholarships / Courses

- University of Waterloo Merit Scholarship
- STAT 440: Computational Inference
- STAT 430: Experimental Design
- STAT 443: Forecasting
- STAT 431: Generalized Linear Models and their Applications

Society of Actuaries / Canadian Institute of Actuaries Designation Examination

Exams Passed

- Exam P: Probability / 1
- Exam FM: Financial Mathematics / 2

WORK EXPERIENCE

Systems Analyst

Ontario Teacher's Pension Plan

09/2016 – 12/2016

Toronto, ON

Achievements/Tasks

- Developed and implemented scripts to automate company-wide systems quality assurance process, simplifying the procedure and outputting results 50% faster.
- Virtualized and maintained developer systems in VMware vCloud environment.
- Administered systems and applications upgrades and provided training to new employees.

Business Technology Service / Operational Support Loyalty One

01/2016 – 04/2016

Toronto, ON

Achievements/Tasks

- Analyzed and implemented optimal network environment for all front line customer care agents.
- Executed software deployments for applications used across corporate platform to enhance productivity of the users.
- Investigated severe business-impacting application problems and assisted in troubleshooting and documenting the cause and resolution of the problems.

PERSONAL PROJECTS

Seoul Air Quality Index Interactive Dashboard

- Interactive platform visualizing Air Quality Index on map of Seoul separated by each district.
- Displays plots and tables filtered by date, time and pollutant type.

Data Analysis and Interactive Visualization on 2019 New York City Airbnb Data

- Interactive platform displaying location and detailed information of each listing in New York City.
- Exploratory data analysis summarizing price trends by neighborhood, type of room and number of reviews.

Exploratory Data Analysis on Apple Appstore Mobile Games Dataset

- Exploratory data analysis summarizing trends in mobile game industry.
- Examines mobile game trends by genre, developer and in-app purchase availability.