STELLA ZHOU

40-05 Crescent Street, NY 11101 | 234-716-4043 | luhuayu.zhou@tufts.edu

Education

Master of Statistics, Tufts University | GPA: N/A   May. 2022
· Major: Data Analytics

Master of Engineering Technology, Kent State University | GPA:3.833   May. 2018
· Major: Aeronautics

Bachelor of Science, Kent State University | GPA: 3.595   May. 2017
· Major: Air Traffic Control
· Minor: Aircraft Dispatch

Skills

Languages: Python, R, SQL, MATLAB, HTML, CSS
Others: AWS, QGIS, Autodesk, Microsoft Office, macOS, Windows

Experience

Logistics Analyst, Baylink Global Logistics Inc.   Sep. 2018 - Aug. 2020
· Worked with transportation providers regarding the analysis of their performance, pricing negotiation and review logistics operations performance to meet customers' transportation inquiries
· Communicated with cargo airlines, ocean carriers to optimize service level and maintain efficiency level

Air Traffic Control Lab Assistant, Kent State University   May. 2017 - May. 2018
· Introduced entry level phraseology of air traffic control and instructed students to operate ATC simulators
· Evaluated students' theoretical knowledge and operational skills

Projects

NYC's Airbnb Pricing Analysis, Tufts University   Sep. 2020 - Current
· Using R to analyze effects of both room availability and review rating on price out of 365 days
· Comparing price, availability, host characteristics based on different types of locations (urban, rural, suburban)

Airlines Sentiment Analysis, Tufts University   Sep. 2020 - Nov. 2020
· Counted and visualized sentiments of tweets for each airline using Python
· Searched and visualized most frequent words for both positive and negative tweets using WordCloud
· Analyzed the underline reasons for negative tweets of each airline
· Generated the correlation plot between negative tweet sentiment and assigned dates

Boeing GoFly Aircraft Design Competition, Kent State University   Mar. 2018 - May. 2018
· Designed a personal flying device to facilitate low flying transportation and other civil applications
· Worked in the autopilot team focusing on studying and designing flight route based on FAA regulation, air traffic and current weather condition using Mission Planner software
· Performed evaluation on technical specifications, engineering feasibility and design innovation

Certification & Honors

· FAA Aircraft Dispatcher Certificate (license #4316205)
· Dean's list of 2016