Yixuan Tang

(347)7493053 | yixuantang@nyu.edu | https://github.com/yixuantang
Objective: Seeking a full-time position as data scientist

EDUCATION

Master of Applied Urban Science and Informatics, New York University   2017 - 2018
- Coursework: Database, Big Data Analytics, Machine Learning, Data Visualization

Bachelor of Land Resources Management, South China Agricultural University   2013 - 2017

EXPERIENCE

Graduate Research Assistant, NYU, NY   May. 2018 - Present
- Scraped Twitter data of Hurricane Harvey in Houston and designed Python script to processing and labeling data
- Build and train LSTM model that can detect fake news tweets, bots and fake accounts.

Analyst Intern, Uber, Guangzhou   Nov. 2016 - Mar. 2017
- Made user preference analysis to solve user losing problem, facilitated the process of moving users to new app, designed weekly data-driven marketing plan by making analysis of competitive products such as Didi Chuxing
- Developed and maintained good relationships with partners, launched 20+ cooperation programs and optimized campaign lifecycle

Data Support Intern, China Mobile Communication Corporation, Guangzhou   Apr. 2016 - Aug. 2016
- Facilitated client orientation by manipulating client database through MySQL and Excel
- Analyzed the broadband network coverage, visualized and reported data findings creatively in a variety of formats, finished research report for expanding new customer service area

Intern, Poly Real Estate Agency Co., LTD, Guangzhou   Nov. 2015 - Jan. 2016
- Researched the characteristics and demographics of districts for new site selection, analyzed the influence factors of selection, buying, payment etc. to discover potential client group

Intern, Land Resources and Housing Department, Guangzhou   Jun. 2015 - Sep. 2015
- Systematized the progress of processing public housing applications within the whole district

SELECTED PROJECTS

Capstone: Digital Traces of Predatory Landlord, Attorney General   Jun. 2018 - present
- Construct PostgreSQL database to utilize datasets from various sources include NYC geospatial data, 311 data and housing court eviction data etc.
- Detect potential bad landlords using logistic regression and support vector machines(SVM)

CUSP London Student Hackathon   Mar. 2018 - Apr. 2018
- Collaborated with students from King's College London and University of Warwick to use machine learning techniques to address causality, variation, reduction and policy impacts problems of road safety and traffic accidents in London.

Flask and Relational Database Based Social Networking Site Design   Mar. 2018 - May. 2018
- Constructed backend with MySQL and designed schema for database, designed and developed the web frontend with Flask, Jinja2 and AJAX
- The functionality of the website includes: user registration, profile update, follow companies, job application, connect with friends, instant messaging and search etc.

SKILLS

- Programming: Python, R, Java Script
- Database: MySQL, PostgreSQL
- Data Analysis: Hadoop, Hive, SPSS
- Web general: PHP, Flask, Django
- Visualization: D3.js, Carto
- Other: AutoCAD, Photoshop