

Yixuan Tang

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EDUCATION

Master of Applied Urban Science and Informatics, New York University [2017 - 2018]

- Coursework: Database, big data analytics, machine learning, decision modeling (simulation, optimization), data visualization, geographic information system
- Academic Project(selected): London Data Dive 2018: Use machine learning techniques to address causality, variation, reduction and policy impacts problems of road safety and traffic accidents in London.

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

- 2015/12 Champion of SCAU Professional Knowledge Competition
- 2014/12 Annual Student Scholarship
- Academic Research(selected): 2014 - 2015 SCAU Scientific and Technological Innovation Activities: Impact of OTT Services on Traditional Communication Operators Analysis

EXPERIENCE

Graduate Research Assistant, NYU Center for Urban Science + Progress [2017/05 - Present]

- Detect fake news and rumors during and after hurricane Harvey in Houston

Intern, Uber, Guangzhou [2016/11 - 2017/03]

- Made user preference analysis to solve user losing problem, facilitated moving user to new app process, tracked regional marketing dynamics, and made analysis of competitive products such as Didi Chuxing
- Negotiated with partners, designed weekly data-driven marketing plan and launched 20+ cooperation programs

Data Support Intern, China Mobile Communication Corporation, Guangzhou [2016/04 - 2016/08]

- Supported department on client research 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, Guangzhou Poly Real Estate Agency Co., LTD [2015/11 - 2016/01]

- 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, Guangzhou Land Resources and Housing Authority, Liwan District [2015/06 - 2015/09]

- Dealt with the application materials of public rental housing within the whole district
- Examined application materials and family financial situation, rated the level of application priority

SKILLS

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|--------------------------------------|-----------------------------------|
| • Programming: Python, R | • Web general: PHP, Flask, Django |
| • Database: MySQL, PostgreSQL | • Visualization: D3.js, Carto |
| • Data Analysis: SPSS, ArcGIS, GeoDA | • Other: AutoCAD, Photoshop |

LEADERSHIP & VOLUNTARY ACTIVITIES

- 2015 - 2017: Monitor of the class, handled daily management and student activity
- 2015 - 2016: Minister of Media and News Department, SCAU Student Union
- 2015 - 2016: Freshman Counselor Assistant