

Tao Lin (Richie)

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SUMMARY

- Experienced Research Data manager with expertise in
 - Data Analysis, Data Engineering, and Data Architecture, Data modeling, and Data Product Design
 - on fields: Criminal Justice, Social Science, Academic Research, Economics, and Marketing Insight
 - for industries: Local Government, Research Institutions, Nonprofits, and FMCG companies.
- Passionate about Public wellfares and Social justice. Proven strong communicator to non-tech audiences.
- Highly responsible and collaboration-oriented. Detail-focused and result-driven. Visionary problem-solver.
- Proven strong communication skills with non-tech audiences & stakeholders.

EXPERIENCE

Data Collaborative for Justice, John Jay College of Criminal Justice, CUNY

Technical Assistance Project to the NYC Mayor's Office of Criminal Justice

New York, NY

Data Manager (Data Scientist, Research Analyst)

10/2016 - Present

- Deputizing the research data management roles for the NYC Mayor's Office of Criminal Justice (MOCJ).
- Oversee and maintain the analytical system data platform and large-scale data engineering projects.
- Design data workflow from collection to reporting for new research focuses of the office.
- Collaborate with researchers on relevant data mining, data visualization and data analysis tools.
- Coach and troubleshoot with research staff on challenging data solutions for research tasks.
- Design and Perform data analysis on special tasks with large or complex datasets.

Data Collaborative for Justice, John Jay College of Criminal Justice, CUNY

New York, NY

Data Manager (Data Scientist, Research Analyst)

10/2016 - Present

- Designed, implemented, and maintained the DCJ's dashboard server (EC2+Ubuntu+R shiny) and data workflow.
- Led or contributed to various research projects, in data mining, data visualization, and data product design.
- Coach and troubleshoot with researchers on challenging data solutions.

Research & Evaluation Center, John Jay College of Criminal Justice, CUNY

New York, NY

Data Manager (Part-time)

04/2019 - Present

- Planned, built, and maintaining the data processing sever to handle the oversized operational data for research.
- Designed and implemented database architecture, managing user access and maintaining data ETL workflow.
- Performed data engineering, analysis, and model implementation for the Econ. Analysis of the Gun Violence Incidents in NYC.

Rang Tech Inc. | Baanyan Software Service Inc.

Edison, NJ

Intern in Data Scientist & Database Administration/ Business Intelligence

02/2016 – 10/2016

Pepsi Beverage West North-China Region

Zhengzhou, China

Regional Brand Manager (Market Analyst, Brand specialist)

08/2011 – 08/2014

- Led a branding team, designed and managed regional marketing operations for Pepsi, Tropicana, and Gatorade.
- Managed and operated 12 local markets units w/ an annual budget of \$350 million in 3 provinces.
- Supported market research team in data collection and analysis and designing data informed marketing strategy.

EDUCATION

M.S. in Management Information Systems, Texas A&M International University, 2014 – 2015, Laredo, TX

B. Econ. in International Business and Econ., Zhongyuan University of Technology, 2007 – 2011, Zhengzhou, China

TECH SKILLS

- Excellent Skill with data science languages: R & Python
 - Data Manipulation | Data Visualization | Interactive Product Development | Modeling and Machine Learning
- Databases/Data Warehouses: Snowflake, PostgreSQL, Oracle | Other Analytics: Tableau, Adv. MS. Excel
- Cloud Computing: AWS & Azure Data Science Dev. Env | O.S.: Windows and Linux