YIDA WANG

CONTACT

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LINKEDIN:
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TECHNICAL SKILLS

Tableau/ Tableau Prep
R
QGIS
Mapbox
Data collection & integration
Policy & data analysis
Quantitative & qualitative research

SOFT SKILLS

English (native)
Mandarin Chinese (professional)
Public speaking
Technical training

EDUCATION

University of Pennsylvania – May 2016
Master of Science: Criminology
(concentration in policy) GPA: 3.71

University of Toronto – June 2015
Bachelor of Arts (Hons): Sociology &
Criminology

WORK EXPERIENCE

Project Manager
Crime & Education Lab (University of Chicago), Chicago
June 2020 – December 2020

- Coordinated a federally mandated police reform and organizational change project for the 2nd largest police department in North America with an interdisciplinary team of data scientists, consultants, and analysts
- Executed and expanded a $6 million initiative to implement public safety tools and advanced policing technologies in 3 Chicago Police districts
- Introduced and applied evidence-based public safety strategies and policies to help reduce crimes in Chicago by 17% (according to 3rd party evaluations)
- Prepared data visualizations, statistics, memos, and presentations for grant proposals and reports to help secure over $10 million in grants from donors

Embedded Research Analyst
Crime & Education Lab (University of Chicago), Chicago
June 2018 – June 2020
Role within the Chicago Police Department (CPD):

- Spearheaded the first project collaborations with 3 new government partners
- Advised District Commanders and Deputy Chiefs on crime initiatives, as well as identified and resolved operational challenges using highly confidential law enforcement/ public health data
- Delivered 12 interactive dashboards for crime and traffic data to provide solutions for senior CPD command on complex strategic planning issues
- Served as project lead on 2 annual city-wide crime & personnel reports

Role within Office of the Mayor – City of Chicago:

- Collaborated with stakeholders to deliver Chicago's first public dashboard to address the socio-economic impact of crime for over 10 city agencies
- Generated 2 statistical reports per month analyzing violent crimes in the South Side of Chicago and presented the report at bi-weekly meetings for a wide range of stakeholders, including local, state, and federal agencies, hospitals, community outreach groups, and non-profit organizations
- Attended weekly meetings at City Hall to discuss the most critical public safety issues and develop strategic policy recommendations
- Drafted neighborhood analysis report for Chicago Alderman (City Council) to identify key crime hotspots and develop strategic resource allocation plan

Role within the University of Chicago (Crime Lab)

- Created policy briefs for the Cook County State's Attorney's Office to evaluate policy and legislative impact on narcotics related crimes
- Acquired knowledge of CPD data, organizational infrastructure, crime classification, legal procedures, public safety policies, and municipal by-laws.
- Developed relationships and liaised with 13 different partner organizations, including CTA (Chicago Transit Authority), FBI, ATF, the Mayor's office, the State's Attorney's Office, grassroot organizations, and NGOs
- Presented innovative data visualizations using Tableau dashboards and new approaches to smart policing during the Crime Fighters Conference Chicago 2018 in front of an audience from over 25 law enforcement agencies

Senior Market Researcher
Explorer Research, Toronto
September 2016 – June 2018

- Created actionable recommendations from research driven results which accounted for 5-10% increase in sales for Fortune 500 clients
- Traveled internationally to lead field studies and provide technical training for over 20 interviewers and research assistants
- Collaborated with senior management to create experimental designs and templates for over 30 studies