
EDUCATION

University of North Carolina, Chapel Hill, NC, USA**Aug 2013 – May 2015**

Master of City and Regional Planning, Transportation Planning

Tongji University, Yangpu, Shanghai, China**Sep 2008 – Jul 2013**

Bachelor of Engineering, Urban Planning

EXPERIENCE

NYC Department of City Planning, New York, NY, USA**July 2015 – Present****Data Analytics Lead / Senior Transportation Planner (Jun 2021 – Present)****Data Analytics Lead / Associate Transportation Planner (Oct 2018 – Jun 2021)****Assistant Highway Transportation Specialist (Jul 2015 – Oct 2018)**

- Leading a team of four in the transportation division to perform data analytics and modeling tasks, including analyzing massive transportation datasets (e.g., For-Hire Vehicle data, Citi Bike data, etc.), developing transit travelshed models, creating transportation conditions and trends reports, sharing data analytics skills with other divisions/agencies, etc.
- Serving as a transportation planner/engineer to contribute to various neighborhood studies (e.g., Bronx Metro-North, Southern Boulevard, Gowanus, etc.) and land use applications, including analyzing existing conditions, identifying issues and opportunities, conducting preliminary analyses, developing recommendations, facilitating community outreach, reviewing consultants' analyses, etc.
- Participating in the agency's involvement with the New York Metropolitan Transportation Council, including creating the Regional Transportation Plan (Plan 2045), developing projection methodology for 2050 socioeconomic and demographic forecasts, representing DCP at the New York Best Practice Model steering committee, etc.

Institute for Transportation Research and Education at NCSU, Raleigh, NC, USA**Jun 2014 – May 2015****Transportation Modeling Intern**

- Analyzed travel survey data from six universities and assisted in travel demand model development for NCDOT's research project on Trip Making Patterns of North Carolina's University Students

AMA Architecture, Xuhui, Shanghai, China**Oct 2011 – Feb 2013****Urban Planning & Design Intern**

- Assisted in creating master plans for six projects including International Urban Design Competition for Tianjin Lingang Economic Zone (First Prize), Transportation Plan for Nansha Area, etc.

Tongji Urban Planning and Design Institute, Yangpu, Shanghai, China**Jul 2010 – Dec 2011****Urban Planning Intern**

- Conducted field studies in two villages for the national-level research on Site Selection and Land Use Intensification for Rural Communities
- Developed plans for two of the model rural communities and collected ten rural planning cases for the national-level research on Planning Principles for Rural Communities

PUBLICATIONS

Rural China: Report on Chinese Rural Settlements 2010 [ISBN 978-7-5608-4635-4]**Aug 2011**

- Interviewed local residents for their living conditions in Village of Xueguan and Village of Dishuiya

Rural Community: Planning Standard & Design Studies [ISBN 978-7-112-13938-5]**May 2012**

- Developed plans for Village of Xinjiang and Village of Sanqibu as models for similar rural communities

SKILLS

Computer: Microsoft Office, Adobe Creative Suite, Python, R, SQL, Tableau, HTML, CSS, JavaScript, ArcGIS, QGIS, Carto, Mapbox, Synchro, HCS, TransCAD, AutoCAD, SketchUp**Language:** English, Chinese (Mandarin)