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| **Liwen Tian** | *646.387.9315* |
| *New York City, NY* | *tianqingch@gmail.com* |

**Professional Experience**

**Zbest Payment Solutions,** (New York, NY) **Oct 2015 – Apr 2016**

*Business Analyst,* Create and deliver next generation payment processing solutions like credit, debit, and stored valued cards, as well supporting hardware, software and support services.

* Develop and implement new payment gateway used to eliminate 3rd party processing fees, while increasing revenue, operating margins and cash flow.
* Design agent system used for management of rapidly growing third party merchant acquirers.
* Research, analyze and monitor client data used to identify business trends and new sales opportunities for additional products and services.

**Wi-Fi Access in New York City,** (New York, NY) **May 2015 – Jul 2015**

*Researcher*, Provide universal access to the Internet throughout New York City.

* Developed mobile Wi-Fi mapping application and web visualization for people to explore and understand Wi-Fi distribution through New York City.
* Generated Wi-Fi Signal strength map with ArcGIS for Department of Parks and Recreation, used to determine and supplement existing Wi-Fi hot spots in throughout the parks system.
* Created cloud-based data ingestion server to study the relationship between Wi-Fi networks and socioeconomic factors to help address lower income community needs.

**New York City Boro Taxi Behavior Study,** (New York, NY) **Feb 2015 – May 2015**

*Research Assistant*, Analyze the spatial and temporal nature of Boro Taxis in New York City

* Generate heat maps to study the cluster structure of Boro Taxis pick-up/ drop-off locations with ArcGIS.

**311 Service Improvement,** (New York, NY) **Feb 2015 – May 2015**

*Researcher*, Increase work efficiency and resource allocation for New York City 311 agency.

* Created complaint maps analyzing service data used to improve operating performance.
* Use various programming language scripts to collect, manage and analyze data.

**Network Development for Agent- based Simulation,** (New York, NY) **Feb 2015 – May 2015**

*Research Assistant*, Processing Transportation Information with ArcGIS

* Collected statistical information of New York City from shapefile and .mxd document.

**Real Estate Management System,** (Shanghai, China) **Oct 2011 – Jan 2012**

*Researcher*, Develop real estate management system.

* Established a database with SQL and displayed the graphic data with ArcGIS.
* System used by Shanghai City government to analyze and manage local real estate market.

**Education**

**New York University,** (New York, NY)

*Master of Science in Applied Urban Science and Informatics, received August 2015*

Concentration in data systems and spatial analytics and decision-making

**Tongji University,** (Shanghai, China)

*Bachelor of Science in Geographic Information System, received July 2013*

**Other Professional**

* Programming with Python, SQL, JavaScript, CSS, HTML, VB.NET
* Proficient in ArcGIS software, QGIS, AutoCAD, MS office, TransCAD
* Fluent in English and Mandarin

**Interests**

* Swimming, badminton, basketball, reading and travelling