

Zhi Keng He

email: zhikhe@gmail.com github: zhik

projects: zhik.github.io/proj

Skills:

Programing : HTML/CSS, JavaScript (React), Python , SQL (Postgresql)

GIS : Using ArcGIS, QGIS, Python, R, and Excel for data analysis and visualization.

IT : Maintaining and troubleshooting computers and networks.

Experience:

Manhattan Borough President's Office - Public Service Scholar *Sept 18- Current*

- Researching various transportation, education, and technology policy.
- Analysing and surveying infrastructure, and service delivery of other city agencies.

NYC Department of Transportation - GIS College Aid *Jun 17- Current*

- Working with Javascript and Python to create prototypes, applications, and tools for internal use to aid in data collection, visualization, and planning.
- Creating, editing and managing databases and datasets by creating scripts in python and SQL.

CUNYCodes - Developer *Feb 18 - May 18*

- Created an agile application in a team to collect and display weather conditions and warnings.

Operr Technology - Junior Data Analyst *Dec 16- Apr 17*

- Automated data gathering and cleaning from APIs and other web sources.
- Used GIS and Python to provide insights into the data for research on new products.

NYC Department of City Planning - ITD Intern *Jun 16 - Aug 16*

- Assisted the Information Technology Division by validating and updating geographic data files that support the activities of the department and other city agencies.
- Worked with ArcGIS and created an web application to expedite research. Conducted research to clarify geographic problems.

The Knowledge House - Teacher's Assistant *Mar 16 - Jun 16*

- Worked with students in Data Programming with Python course to reinforce concepts discussed in class. Troubleshooted technical problems as they arise in class.
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Education and Activities:

Bachelors of Arts: Geography (GIS)

The City University of New York (CUNY): Hunter College *Expected Jun 2019*

- **Geography Club - Treasurer** *Sep 17 - Current*
- **Web Development Club - Vice President** *Aug 16 - Dec 16*