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 and Excel for data analysis and visualization.
IT : Maintaining and troubleshooting computers and networks.

Experience:

CUNYCodes - *Developer*   *Feb 18 - Current*
- Creating an application using React, Flask and Postgresql to collect data and model/predict disasters. Working in a team using Scrum.

NYC Department of Transportation - *GIS College Aid*   *Jun 17- Current*
- Working with Javascript and Python to create a prototypes and tools for internal use to aid in data collection, processing and planning.
- Create, edit and manage datasets using scripts and build interactive visualizations in javascript.

Operr Technology - *Junior Data Analyst*   *Dec 16- Apr 17*
- Automate data gathering and cleaning from APIs and other web sources.
- Using 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.

VE Reimagin3D - *Web Developer*   *Nov 14 - May 15*
- Worked with in a team of 3 to make and manage a website that showcases, markets and sells 3D printed products to other VE companies.

Education and Activities:

Bachelors of Arts: Geography (GIS)

The City University of New York (CUNY): Hunter College   *Expected Jan 2019*
- **Geography Club - *Treasurer***   *Sep 17 - Current*
- **Web Development Club** - *Vice President*   *Aug 16 - Dec 16*