

# Zhi He

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## Skills:

**Programming :** 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.

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## Experience:

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

- Working with Javascript and Python to create a web portal for all asset data, automate tasks and visualize data.

**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.

**NYC Department of City Planning - ITD Intern**

Jun - 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.
- Conducted research to clarify geographic problems.
- Worked with ArcGIS and created an web application to expedite research.

**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.
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## Education and Activities:

**CUNY Hunter College - BA Geography (GIS)**

Expected June 2019

**Web Development Club - Vice President**

Aug 16 - Dec 16,

*Secretary*

Sep 15 - June 16

- Made lesson plans to teach or improve club members knowledge of frontend and backend development.

**Francis Lewis High School -**

2011- 2015

**JROTC: S-6 Technology Staff (IT) - Member**

Sept 13 - Sept 14

- Maintained the function of the Patriot Battalion's computers, printers, sound equipment, other technological devices and website. Set up equipment during monthly events.