

# Vivian Chen

vivianc206@gmail.com | 917.353.2308 | [chenvivian.github.io](https://github.com/chenvivian)

## EDUCATION AND HONORS

---

### Macaulay Honors College at Hunter College (CUNY)

*Bachelor of Arts in Geographical Information Science*

Minor in Computer Science and Media Studies

New York, NY

June 2019, GPA: 3.701

Dean's List

**Relevant Coursework:** Environmental Data Science, Free and Open Source Software for GIS, Cartographic Design & Geovisualization, Relational Databases & SQL Programming, Remote Sensing of the Environment, GIS Analysis, Urban Applications of GIS, Honors Capstone in GIS

## TECHNICAL SKILLS

---

- **GIS/Statistical Analysis Applications:** ArcGIS, QGIS, CARTO, SPSS
- **Design:** HTML, CSS, Adobe Photoshop CC, Adobe Illustrator CC, Adobe InDesign CC, GIMP
- **Programming Languages and Database Applications:** Python, SQL, JavaScript, Microsoft Access

## EXPERIENCE

---

### New York City Department of Transportation

College Aide

*March 2018 – Present*

- Working within the Asset Management Unit to create, maintain, and update various geo-databases through customized scripts using Python, SQL, and VBA
- Using ArcMap, ArcCatalog, and QGIS to create and edit maps of NYC DoT assets
- Create dashboards using MS Excel and MS Access for data visualization
- Designed a database to track seating arrangements within DoT floors within the 55 Water St. building through Microsoft Access in order to further streamline the agency's emergency preparedness procedures

### The Graduate Center, City University of New York

Research Intern

*August 2017 – Present*

- Conduct research for Dr. Elizabeth Macaulay-Lewis relating to her current work
- Created a database of various architecture in NYC used in conjunction with Dr. Macaulay-Lewis's publication, [Housing the New Romans: Architectural Reception and Classical Style in the Modern World \(OUP 2017\)](#)
- Designed an interactive map with CARTO to visualize neo-antique sites for Dr. Macaulay-Lewis's new online publication (<https://ancientarchny.commons.gc.cuny.edu/map-of-neo-antique-sites/>)

### Hunter College Undergraduate Student Government

Senate Chair

*July 2017 – July 2018*

- Acted as a liaison between the Student Senate and the Executive Board
- Promoted transparency amongst the Hunter students, the Undergraduate Student Government, and the Hunter Administration by organizing Town Halls and school-wide events

### American Geographical Society

Scholar Intern

*September 2016 – December 2016*

- Maintained and updated AGS blogging sites, UBIQUE and Connect2Conserve
- Wrote weekly Spotlight articles about companies and non-profit organizations on their contributions to geography by reaching out and interviewing them
- Aided in preparation for the annual Fall Symposium, *Geography 2050: Envisioning a Sustainable Planet* by creating graphics for promotional items, advertising on social media, and working on-site to ensure a smooth run-of-the-show

## ADDITIONAL INFORMATION

---

- **Linguistics:** Conversational in Mandarin and Cantonese
- **Interests:** Swimming, Urban Informatics, Public Transportation