

# Vivian Chen

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## EDUCATION AND HONORS

### NYU Center for Urban Science and Progress

Brooklyn, NY

*Master of Science in Applied Urban Science and Informatics*

August 2019 - Present

**Courses:** Urban Spatial Analytics; Civic Analytics and Urban Intelligence; Applied Data Science; Principles of Urban Informatics; Data Governance Ethics and Privacy

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

New York, NY

*Bachelor of Arts in Geographical Information Science*

Aug 2015 - June 2019, GPA: 3.701

Minors in Computer Science and Media Studies

Dean's List: 5 Semesters

**Courses:** Free & Open Source Software for GIS, Cartographic Design & Geovisualization, Relational Databases & SQL Programming

### Hunter College High School

New York, NY

*Class of 2015*

Sept 2009 - Jun 2015

## PROFESSIONAL EXPERIENCE

### Barnard College, Empirical Reasoning Center

*August 2019 - Present*

Teaching Assistant

- Support Prof. Alisa Rod in the lab section of the GIS Methods course through guiding students on using GIS
- Grade weekly labs and hold office hours for students

### New York City Department of Transportation

GIS 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 and metadata of NYC DOT assets
- Create dashboards using MS Excel and MS Access for data visualization and projection analysis
- Through MS Access, designed a database to track seating arrangements for all DOT floors within the 55 Water St. building to streamline the agency's emergency preparedness procedures; MS Project for progress tracking

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

Research Intern

*August 2017 – Present*

- Conducted research to create a database of NYC architecture and generated an [interactive map](#) via CARTO for Dr. Elizabeth Macaulay-Lewis' publication: [Classical New York Discovering Greece and Rome in Gotham](#)

### 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

### batteryPOP

Intern

*January 2017 – April 2017*

- Managed the content library of promotional videos and articles via custom Content Management Systems
- Streamlined advertising campaigns per week through the Facebook and Twitter platforms

### American Geographical Society

Scholar Intern

*September 2016 – December 2016*

- Maintained and updated AGS blogging sites, [UBIQUE](#) and [Connect2Conserve](#), and interviewed companies and non-profit organizations for weekly Spotlight articles
- Prepared for the annual Fall Symposium, *Geography 2050* by creating graphics for promotional items, advertising on social media, and working on-site to ensure a smooth run-of-the-show

## Chelsea Music Festival

Digital Media Intern

*April 2016 – June 2016*

- Supported the Marketing/PR team to promote and curate the event through Facebook, Twitter, and Instagram
- Edited promotional videos before launch, assisted in show pre-runs, and guided patrons throughout the festival

## United Aquatics Corp.

Swimming Instructor

*Sept 2010 - Mar*

*2016*

- Taught children and adults how to swim using proper techniques
- Languages used: English, Mandarin, Cantonese

## SKILLS

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|--|---|
| ▪ <b>GIS/Statistical Analysis Applications</b>           | ArcGIS, QGIS, CARTO   |
| ▪ <b>Programming Languages and Database Applications</b> | Python, SQL, JavaScript, Microsoft Access                             |
| ▪ <b>Design</b>  | HTML, CSS, Adobe (Photoshop, Illustrator, InDesign)                   |
| ▪ <b>Outreach Tools and Platforms</b>                    | Facebook, WordPress, Twitter, Hootsuite                               |
| ▪ <b>Languages</b>                                       | English (native), Mandarin (conv.), Cantonese (conv.), French (basic) |

## SCHOLARSHIPS AND AWARDS

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**\$10,000**

**New York University Center for Urban Science and Progress, CUSP Academic Scholarship**

*April 2019*

For recognition of academic record and professional accomplishments upon admission

**4-Year Undergraduate Paid Tuition**

**William E. Macaulay Scholarship**

*Aug 2015 - May 2019*

A merit-based scholarship package that includes tuition and a laptop computer

## ASSOCIATIONS

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<i>since</i>	2019	Gamma Theta Upsilon (GTU)
	2019	NYU Applied Urban Science Group (AUSG)