

# Vinnie Zhang

Front End Developer interested in the intersection of design and technology, based in NYC

## Work Experience

### Courant Institute of Mathematical Sciences (CIMS)

New York, NY

Web Master / Technical Assistant

Sept 2017 to May 2020

- Provided front-line technical support for desktop and laptop computers, and assisted with maintaining computer labs, printing, and classroom AV facilities
- Maintained and updated CIMS websites with HTML/CSS and JavaScript

### Education Analytics

Madison, WI

Web Development Intern

June 2019 to August 2019

- Developed visualizations using React and Redux, implementing a digital platform for members of Future Forward, an early literacy prevention program aimed at K-3 students
- Worked in a team to complete various frontend development projects and ad-hoc requests for data reports

### CodeAdvantage

New York, NY

Lead Instructor

Sept 2017 to Jan 2019

- Taught classes of ten elementary school students, in the visual programming languages of Kodu and Scratch
- Gained knowledge on using a Media Learning Library to learn teaching skills and different coding classes

### Sesame Workshop

New York, NY

Digital Media Engineering Intern

June 2018 to August 2018

- Designed and programmed a brick breaker game for Sesame's 50th anniversary celebration
- Tested digital products including websites, interactive media, and apps using JIRA for issue tracking
- Improved and created new documentation of current processes and statuses across projects

## Projects

Biome Blocks (HTML/CSS, JavaScript, p5 library, A-frame, Google Poly)

January 2020

- Augmented reality web application that allows users to customize and combine individual biomes, displayed via fiducial markers, to allow for an interactive world-building experience

College Matcher (HTML/CSS, React, Material UI, AWS, College Scorecard API)

August 2019

- Web application that generates a unique list of universities based on user's financial and academic criteria, deployed on [collegematcher.org](http://collegematcher.org)

## Honors and Awards

The Academy of American Poets, New York, NY

April 2019

- Recipient of the 2019 Judith Lobel Arkin Poetry Prize for the poem, *The Fish in Fuzhou*, published on [poets.org](http://poets.org)

## Skills

Technical: [HTML](#) [CSS](#) [JavaScript](#) [React.js](#) [WebGL](#) [three.js](#) [HTML Canvas](#) [Git](#) [MongoDB](#) [MySQL](#)  
[Node.js](#) [Adobe Photoshop & Illustrator](#)

Language: [Intermediate Mandarin and Spanish](#)

## Education

### New York University, College of Arts and Sciences

Sept 2016 to May 2020

Bachelors of Arts in Computer Science, Double Minor in Web Development and Creative Writing

New York, NY

### Education Abroad: New York University Shanghai

Jan 2018 to May 2018 - Shanghai, China