

# JONATHAN WANG

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## EDUCATION

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

*Bachelor of Arts in Computer Science, Minor in Economics*

**New York, NY**

*September 2015 – May 2019*

- Cumulative GPA: 3.37/4.00
- Coursework: Data Structures, Discrete Math, Python Data Analysis, Basic Algorithms, Computer Systems

### Dwight-Englewood High School

- Cumulative GPA: 3.4/4.00 | SAT: 2160/2400

**Englewood, NJ**

*September 2011 – May 2015*

## PROFESSIONAL EXPERIENCE

### American Museum of Natural History

*Software Development Intern*

**New York, NY**

*June 2018 – August 2018*

- Constructed a backend component in C# for translating languages for interactive exhibits using JSON
- Created depth-motion sensing interactives for prehistoric exhibit using Java, Processing and Kinect
- Developed museum's latest submarine interactive game using Unity/C# in Oceans exhibit

### NYU Computer Science Department

*Computer Science Tutor*

**New York, NY**

*August 2018 – Present*

- Tutored undergraduate students in Introduction to Computer Science in Java
- Coordinated with professors to schedule one-on-one and group sessions to reinforce key topics for students
- Taught students supplementary topics such as use of GUIs, Processing, and data structures

### Industrial and Commercial Bank of China

*Information Technology Intern*

**New York, NY**

*July 2017 – August 2017*

- Coded Python scripts that generated daily financial reports and automatically wrangled data for employees
- Overhauled internal website using HTML/CSS to create a functional directory of over 500 employees
- Refurbished ICBC website visually by formatting and adding articles using WordPress

## LEADERSHIP & PROJECTS

### NYU Shine A Cappella

*Musical Director*

**New York, NY**

*December 2015 - Present*

- Arranged fundraising as well as budgeting for performances, outreach events, and other logistical expenses
- Designed social media adverts, practice schedule, and musical arrangements for a group of selective vocalists

### Professearch

*Lead Developer*

**New York, NY**

*July 2018 - Present*

- Created a website with JSoup, Python and Django to scrape and analyze data on professors
- Utilized multithreading to increase speed pulling data from Course Evaluations, RateMyProfessors, and Reddit

### Personal Website

*Web Developer*

**New York, NY**

*February 2017 - Present*

- Used HTML/CSS to create a supplementary website containing further resume details
- Enabled interactive advanced features with JavaScript including modals and progressions

## SKILLS & INTERESTS

- *Languages:* Fluency in Mandarin Chinese
- *Computer:* Java, Python, C#, HTML/CSS, JavaScript, WordPress, Git
- *Interests:* Songwriting, Piano, Guitar, College A Cappella, Managing YouTube channels