

# JONATHAN WANG

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## EDUCATION

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

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

- Cumulative GPA: 3.40/4.00

New York, NY

September 2015 – May 2019

## PROFESSIONAL EXPERIENCE

### American Museum of Natural History

*Software Development Intern*

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

New York, NY

June 2018 – August 2018

### NYU Computer Science Department

*Computer Science Tutor*

- Tutored over one hundred undergraduate students in Introduction to Computer Science in Java
- Taught students fundamentals of programming, the object-oriented paradigm, and programming best practices
- Coordinated with professors to schedule one-on-one and group sessions to reinforce key topics for students

New York, NY

August 2018 – Present

### Industrial and Commercial Bank of China

*Information Technology Intern*

- Overhauled internal website using HTML/CSS and JavaScript to modernize website design
- Wrote Python scripts that generated daily financial reports and automatically wrangled data for employees
- Used JavaScript and Bootstrap to create a searchable directory of over 500 employees

New York, NY

July 2017 – August 2017

## PERSONAL PROJECTS

### Sentiment Analyzer

*Lead Developer*

- Created a web scraper in Python that identifies suicidal Twitter users via sentiment analysis
- Identifies dangerous users using a combination of algorithms and libraries including Bayes' Theorem and NLTK

New York, NY

June 2018 - Present

### Professearch

*Lead Developer*

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

New York, NY

July 2018 - Present

### Personal Website

*Web Developer*

- Used HTML/CSS/JavaScript to create a supplementary website containing further resume details

New York, NY

February 2017 - Present

## SKILLS & LEADERSHIP

- *Languages:* Java, Python, C, C#, HTML/CSS, JavaScript
- *Technologies:* Git, Unity, Django, Swing, JQuery, Processing, WordPress
- *Leadership:* NYU Shine A Cappella (Music Director), Asian-American Christian Fellowship (Community Leader)
- *Interests:* Songwriting, Piano, Guitar, College A Cappella, Mandarin Chinese, YouTube Channel Management