JONATHAN WANG

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EXPERIENCE

Veeva Systems   **Pleasanton, CA**
Software Engineer - Vault Object Framework   July 2019 – Present
- Designed REST API endpoints to dynamically update or create metadata objects through Java and MySQL
- Spearheaded Rich Text design within web platform, enabling text headers, highlighting, and strikethroughs
- Led redesign of objects used within Vault platform in Java to improve MySQL database querying speed by 40%

NYU Computer Science Department   **New York, NY**
Teaching Assistant   August 2018 – January 2019
- Tutored over one hundred undergraduate students in Introduction to Computer Science in Java
- Taught students the fundamentals of programming and the object-oriented paradigm

American Museum of Natural History   **New York, NY**
Software Engineer Intern - Exhibitions   June 2018 – August 2018
- Used Java to write depth-motion sensing algorithms for museum's interactive Mythic Creatures exhibit
- Developed museum's latest submarine interactive exhibition using Unity and C# in Oceans exhibit
- Constructed a backend application in Java for translating written languages in interactive exhibits using JSON

Industrial and Commercial Bank of China   **New York, NY**
Software Developer Intern   July 2017 – August 2017
- Overhauled internal website using HTML/CSS and JavaScript to modernize website design
- Wrote Python scripts that generated daily financial reports and automatically parsed data for employees
- Used JavaScript and BootStrap to create a searchable directory for over 500 employees

EDUCATION

New York University, College of Arts and Science   **New York, NY**
Bachelor of Arts in Computer Science, Minor in Economics   September 2015 – May 2019
- Cumulative GPA: 3.40/4.00

PROJECTS

Instrument Exchange   **New York, NY**
Developer   January 2019
- Created a web application using Node.js and React to manage upcoming musical performances and gigs
- Implemented public REST API to allow users to upload listings and interact with other user profiles

Sentiment Analyzer   **New York, NY**
Developer   June 2018
- Created an NLP web scraper in Python that identifies suicidal Twitter users via sentiment analysis
- Achieved an accuracy of 85% using a combination of algorithms including Naive Bayes' and VADER

Personal Website   **New York, NY**
Developer   February 2018
- Used HTML/CSS/JavaScript to create a supplementary website containing further resume details
- Link can be found here: www.wang-jon.com

SKILLS & INTERESTS

- **Languages**: Java, Python, Go, C, C#, HTML/CSS, JavaScript
- **Technologies**: Git, React, Node, Spring, AWS, SQL, Apache Solr, Jenkins, JIRA (Agile), Mockito
- **Interests**: Songwriting, Film Scoring, Piano, Singing, Mandarin Chinese, YouTube Channel Management