YUCHEN JIN

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EDUCATION

St. John's University   Jan. 2017-May 2020
- B.S. Computer Science, Minor in Asian Studies, 4.0/4.0
- Relevant Coursework: Adv. Data Structures, Database Management Systems, Software Design Methods, Probability & Statistics, Discrete Mathematics

Stuyvesant High School   2012-2016
- Advanced Regents Diploma

SKILLS

Technical: Python, Java, JavaScript (jQuery, React) SQL, git & Github, Microsoft Office Suite

Other: Mandarin (fluent), Public Speaking, Leadership

EXPERIENCE

The New York Times – *Data Products Intern*   June 2019-Dec. 2019
- Full-stack development of new features for in-house web applications that power the company's data group with a focus on creating and updating APIs
- Analyzed attributes and patterns in online event tracking data to flag potential bot activity so other analysts could better understand site traffic
- Led a team in developing a new feature for Stela, an in-house data visualization tool. Created new data handlers and React components to render the data

St. John's University - *Network Engineering*   June 2018-May 2019
- Wrote Python scripts to automate several daily tasks, such as archiving old log files and making batch changes to network device configurations
- Researched and planned a new installation of a multi-module network management software, wrote up a report for my supervisors detailing the requirements and process

Private Tutor   May 2015-Sep. 2018
- Instructed three high school students in Scheme and Java (students' test grades improved by 15%)
- Tutor in high school algebra, biology and chemistry and in 2nd-4th grade math (basic arithmetic and problem solving) and English (reading, writing and spelling)

PROJECTS

Bot Identification – *The New York Times*   June-Aug. 2019
- Used SQL and Python (pandas library) to query and manipulate data for exploring and identifying attributes and patterns in raw event tracking data that could indicate bot traffic
- Trained machine learning models to classify bot traffic using Python's scikit-learn library
- Updated documentation for the event tracking database, the foundation for much of the analytics work at the company

Skyscraper – *The New York Times (link)*   July-Aug. 2019
- Worked with a cross functional team to launch a new puzzle game prototype on The New York Times mobile website
- Programmed the JavaScript backend of the game which generates the puzzle and checks the player's inputs for conflicts as they play

ACTIVITIES

Chappell Players Theater Group – *Assistant Director, Actor*   Jan. 2017-Present
- Assistant directed a spring comedy, acted as the bridge between the different production teams
- Brainstormed and executed promotional events, workshops and fundraisers
- Organized and distributed online forms, updated spreadsheets, kept rehearsals on schedule