

# Shi Xin (Kevin) Wu

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## EDUCATION

**New York University**, Tandon School of Engineering, Brooklyn, NY

May 2023

Bachelor of Science, Major in Computer Science & Minor in Finance, GPA 3.7

Relevant Coursework: Java, Object-Oriented Programming, Design & Analysis of Algorithm, Data Structures and Algorithms, Computer Architecture, Operating Systems, Java & Web Design, Data Analysis

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## TECHNICAL SKILLS

**Programming Languages:** Python, Java, JavaScript, TypeScript, C++, C, SQL, HTML, CSS

**Programming Tools:** Django, React, React Native, Firebase, MySQL, MSSQL, Node.js, Express, GraphQL

**Additional Tools:** Jupiter Notebook, JIRA, Kubernetes, GitHub, BitBucket, Tableau, Autodesk, Microsoft Office

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## EXPERIENCE

START Technology Intern – **BNY Mellon** (New York, NY)

Jun 2022 - Present

- Develop a web tool to monitor firm-wide data delivery activities to collect data on, analyze and proactively prevent SLA misses
- The Centralized SLA Monitoring Tool will alert and notify appropriate users to decrease risk and increase productivity throughout the firm
- Utilized: Java, MSSQL

Full-Stack Developer & Teaching Assistant - **NYU** (NYU Tandon, Brooklyn, NY)

Aug 2020 - Present

- Built a new and improved website for the course (used by over 1000 students every year)
- Implemented a user-friendly and intuitive UI, easy to maintain database, and a secure server
- Lead classes where students are introduced to various concepts and software used in engineering
- Utilized: React.js, JavaScript, MySQL, HTML, CSS, GitHub, Autodesk Fusion 360, Arduino Platform

Data Management Intern (Full Stack Developer) – **Citadel LLC** (New York, NY)

May 2021 – Dec 2021

- Built a new website that allows users to update over 2,000 email routing configurations
- Greatly reduces the time to update routing from hours to live updates, increasing productivity and decreasing risk throughout the company
- Independently built all aspects of software including front-end, back-end, and database
- Utilized: React.js, Node.js, Express.js, Python, MSSQL, Kubernetes, Docker, Bitbucket

Mobile Application Developer - **NYUnity** (Brooklyn, NY)

Sept 2020 - March 2021

- Built an app providing NYU students with a safe platform to form connections and stay informed on events
- Focused on Frontend/UI Development and lead Frontend Team using ClickUp (Agile Project Management Tool)
- Utilized: React Native, JavaScript

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## PROJECTS

Weatherman (Website) (Personal Project)

Spring 2020

- Launched a platform for adventurers to check the weather by implementing an API
- Establishes a community for users to share stories and inspire others
- Utilize: React.js, JavaScript, HTML, Firebase, CSS

Clique (Website) (Group Project)

Spring 2020

- Founded a platform to promote entrepreneurship and collaboration amongst college students
- Provides an efficient method of getting their ideas to the public and recruit peers
- Performed backend and frontend work and oversaw communication between teams
- Utilized: Python, HTML, CSS, PostgreSQL

iFeeder (Automatic Pet Feeder) (Product Design/Programming) (Group Project)

Fall 2019

- Role: Chief Hardware Engineer, Chief Designer & Programmer
- Designed a self-sufficient, innovative, and cost-efficient product with the ability to dispense food, water, and snacks for a variety of animals
- Created professional marketing pitch, prototype, program, advertisement
- Utilized: Autodesk Fusion 360, Arduino IDE, Microsoft Office, CURA, Adobe Illustrator