

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: Object-Oriented Programming, Design & Analysis of Algorithm, Data Structures and Algorithms, Computer Architecture, Data Analysis, Discrete Mathematics

TECHNICAL SKILLS

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

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

Additional Tools: Jupiter Notebook, Jira, Kubernetes, Git Hub, Bitbucket, Tableau, Autodesk, Microsoft Office

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 website to connect students and employers using the Django framework
- Performed backend and frontend work and oversaw communication between teams
- Utilized: Python, HTML, CSS, PostgreSQL

[iFeeder \(The Automatic Pet Feeder\)](#) (Product Design/Programming) (Personal 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

EXPERIENCE

[Full-Stack Developer & Teaching Assistant at NYU](#) (NYU Tandon, Brooklyn, NY)

Aug 2020 - Present

- Built a new and improved website for the course (used by over 1000 students every year)
- Introduce students to various concepts and software used in engineering
- Supervise and assist students in Semester-Long Design Projects
- Utilized: React.js, MySQL, CSS, Autodesk Fusion 360, Revit Platform, Arduino Platform

[Data Management Intern at Citadel \(Full Stack Developer\)](#) (New York, NY)

May 2021 – Dec 2021

- Built a new website that allows users to update email routing throughout the company
- This website greatly reduces the time to update routing from hours to minutes, 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, SQL, Kubernetes, Docker, Bitbucket

[Researcher for NYU VIP Team](#) (Brooklyn, NY)

Jan 2021 - May 2021

- Member of NYU's Smart Wearable Bio-Tracker for In-Home TeleRehab & TeleMonitoring Team
- Design, implement, and validate a novel bidirectional human-machine interface that detects the motor intent users, and provides biofeedback for augmenting human sensorimotor capacity
- Utilized: Python (NumPy, Pandas)

[Mobile Application Developer for NYUnity](#) (Brooklyn, NY)

Sept 2020 - March 2021

- Built an app providing NYU students with a safe platform to bond, form study groups, and stay informed on events
- Focused on Frontend/UI Development
- Utilized: React Native, CSS, HTML