

# Kevin Sun

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## EXPERIENCE

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### FactSet Research Systems

July 2022 – Present

*Software Engineer II*

*New York, NY*

- Engineered full stack components using Angular and C# to provide data insurance and integrity through data source cross-checking for financial data through FactSet's data integrity testing platform called Test Manager
- Constructed a notification service with serviceable endpoints for in-house teams to use to send notifications through emails, opsgenie pings, and support tickets; over 10,000+ requests have been processed and sent to stakeholders
- Revamped stored procedures of Jupyter Notebook data integrity test runs to speed up retrieval cross-checked data from different selected data environments and test runs; improved efficiency by 35% within two weeks of release
- Developed an quality assurance (QA) automation system using typescript and Playwright for the Test Manager web application to streamline efficiency for releasing new features and products; decreased QA cycle time by 75%

### New York University Information Technology

Mar. 2020 – Dec. 2021

*Student Technology Assistant*

*New York, NY*

- Assisted on 500+ tickets with clients regarding remote technology issues with software programs like Zoom
- Wrote a python script for organizing tickets based on metadata for faster referencing of tickets for student workers
- Optimized client communication with remote takeover via Zoom to help solve issues regarding software

### Fundstrat Global Advisors

June 2020 – Aug. 2020

*Fullstack Engineering Intern*

*New York, NY*

- Proposed and implemented new website content architecture and navigation utilizing the Tailwind CSS framework
- Designed wireframes of new website with Figma to provide UI/UX design solutions to the Chief Technology Officer
- Generated templates for automated emails on the Klaviyo platform by providing custom HTML and CSS designs

### New York University Innovention Society

Sep. 2019 – May 2020

*Assistant Director, First-year Entrepreneurship Recruits*

*New York, NY*

- Conducted and led events designed to engage freshmen with start-up culture, entrepreneurship, and venture capital
- Directed workshops for students in topics such as Python and Java to aid in the development of students' projects
- Attended meetings with executive members to plan events such as the InnoVention Competition (\$50,000 prize)

## PROJECTS

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### Lease Abstraction WebApp | *Streamlit, sentence-transformers, ChromaDB, OpenAI*

Dec. 2024 – Present

- A modernized web application utilizing Machine Learning and Natural Language Processing to abstract key details such as rent, term, and addresses from leasing forms to simplify the leasing process for both renters and landlords

### WNBA Data Modeling Project | *Python, Matplotlib, pandas, NumPy, Git*

Mar. 2021

- Performed data modeling calculations for WNBA statistics to understand excel parsing and data management

### EZSTOX, HackUVA Domain.com Sponsored Award | *Javascript, HTML/CSS, AJAX*

Mar. 2018

- Developed a stock market analytical web application that implements various metrics to analyze investments

### EyeMove, PilotDC 2015 "Most Innovative" Project | *Python, win32 API, OpenCV*

Feb. 2015

- Moves mouse cursor based on where user is looking on the screen; left/right clicks based on left/right blinks
- With win32 API and OpenCV, the script loads two HAAR classifiers for the face and eyes to determine offsets from center screen; this allows for identification of eye movement and blinks that align with cursor movement and clicks

## EDUCATION

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### New York University, Leonard N. Stern School of Business

Sep. 2018 – Dec. 2021

*Bachelor of Science in Business (Finance), Bachelor of Arts in Computer Science*

*New York, NY*

**Relevant Coursework:** Multivariate Regression, Statistical Analysis, Computer Systems Architecture, Data Structures, Discrete Math, Foundations of Finance, Basic Algorithms, Data Management, Parallel Computing

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C#, SQL, JavaScript, Typescript, HTML/CSS

**Tools, Frameworks, Libraries:** Git, Flask, FastAPI, Redis Queue, RedGate, React, Vue, Node.js, MongoDB, Postgres, Microsoft SQL Server, NumPy, pandas, Matplotlib, Jupyter Notebooks, Playwright, Visual Studio, VS Code, Excel

**Design/Visual:** Figma, Lucidchart, Photoshop, Lightroom, Premiere Pro, After Effects, DaVinci Resolve