Kevin Sun

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EXPERIENCE

FactSet Research Systems
July 2022 – Present

Software Engineer III New York, NY

- Contributed to the development of a unified GenAI testing layer and experimentation toolkit for Mercury (FactSet AI), automating evaluation of 45K+ model responses per month with LLM-as-a-judge and golden answers
- Monitored distributed compute clusters during on-call rotations, using Grafana dashboards to identify anomalies and resolve issues, reducing incident resolution time by 30% through resource terminations and adjustments
- 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 150K+ 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

- Resolved 500+ client support tickets related to remote technology issues, including troubleshooting software
- Developed a Python script to organize tickets by metadata, enabling faster lookup and efficiency for workers

Fundstrat Global Advisors
June 2020 – Aug. 2020

Fullstack Engineering Intern New York, NY

- Redesigned website content architecture and navigation system, implementing improvements using Tailwind CSS
- Created wireframes in Figma to deliver UI/UX design proposals, presenting solutions directly to the CTO

New York University InnoVention Society
Sep. 2019 – May 2020

Assistant Director, First-year Entrepreneurship Recruits New York, NY

- Led technical workshops on Python and Java, mentoring first-year students to support the development of projects
- Collaborated with executive board members to plan events, including the InnoVention Competition ($50,000 prize)

PROJECTS

Lease Abstraction WebApp | *Streamlit, sentence-transformers, ChromaDB, Ollama*
Jul. 2025 – 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

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

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

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