Kevin Sun

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EXPERIENCE

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 1,500+ 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 announcement system using Angular and SQL within the Test Manager web application to inform clients of disclosures and notable feature releases; over 100 announcements have been released so far to clients

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

Lease Abstraction WebApp | *Hugging Face, spaCy, PostgreSQL*   Dec. 2023 – 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

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, Visual Studio, VS Code, Excel
Design: Figma, Lucidchart, Adobe Photoshop, Adobe Lightroom