

# Jacob Shedd

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## Projects

10/2022-Present **Full Stack Website and Apps**

- Meal Tracker/Shopping List - Vue front end, Node and Express back-end, MongoDB for the data
- Portfolio Website run by my cat - Django stack with Bootstrap for styling
- ToDo List Manager - Django stack with Bootstrap for styling
- <https://github.com/js-codebank>

## Work Experience

06/2018 - 08/2021 **Execution Services Specialist at Kepler Cheuvreux - NY, NY**

- Licensed trader with series 7, 55, 63 handling sell-side US equities for a European broker-dealer
- Liaised between overseas IT, middle office and the trading desk to handle incident response on international system architectures with multiple points of failure and able to quickly report issues directly to clients for fast solutions and uninterrupted trading flows
- Managed international institutional client high- and low-touch trading, buyback programs and program trading with a focus on providing improved performance
- Created interactive Excel sheets pulling market data to facilitate decision making
- Set up and maintained FIX solutions between multiple 3rd party brokers for clients to use their own individual algo trading lines

09/2016 - 05/2018 **Independent Contractor at Kepler Cheuvreux - NY, NY**

- Maintained financial database of all trades and records in SQL for record keeping and audits with an automated workflow of Python/Pandas and Bash scripts run from a self managed Unix server
- Automated risk checks and data analysis to provide automatic intermittent updates with Visual Basic for improved efficiency on the trading desk
- Continuously evaluated performance and trading metrics and combined that with client feedback to provide custom tailored trading solutions through FIX across a multitude of trading systems
- Led and took ownership of the US office training and integration of large scale system migrations that vastly shifted the firm's technical infrastructure with impacts across all teams

01/2016 - 09/2016 **Quality Assurance at Citymaps - NY, NY**

- Responsible for bug finding and documentation at tech startup now acquired by Tripadvisor
- Testing done across Android/iOS and Chrome/Firefox/IE
- Agile workflow with issue tracking in JIRA

09/2012 - 05/2014 **Work Study Student Coordinator - Troy, NY**

- Managed a help desk staff of 30 people
- Responsible for submitting bi-weekly payroll
- Facilitated and directed weekly meetings

## Education

**Rensselaer Polytechnic Institute**

Master of Science in Computer Science - 3.79 GPA

- Thesis focused on cyber security and cryptography to exploit cloud infrastructure

Bachelor of Science in Computer Science and Mathematics

## Skills

Python/Pandas, ORM- SQLAlchemy, SQL, Visual Basic/Outlook, Unix, Bash, Jira, Excel, Bloomberg, C++, Vue, MongoDB, Node, Express, Django, HTML, CSS