

Feifan He

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EDUCATION

- **Brandeis University** - Master of Science in Computer Science (2022 - 2024)
- **University of Toronto** - Bachelor of Commerce (2013 - 2017), Graduated with Distinction
- **CFA®** charterholder, CFA Institute.

PROJECTS

- **UML Class Diagram Editor:** An interactive web-based UML class diagram editor that enables users to create, edit, and delete classes and relationships - *Mongoose/MongoDB, NodeJS, ExpressJS, JavaScript, React, CSS, Bootstrap, HTML.*
- **Note Keeper:** A web-based app for storing sticky notes that allows users to create, delete and manage their notes with automatic saving. This note keeping app can be viewed at <http://feifanhe.com/keeper> - *JavaScript, React, CSS, Bootstrap, HTML.*
- **Sudoku Game:** An online game that generates Sudoku puzzles and allows players to choose their desired difficulty level. This game can be played at <http://feifanhe.com/sudoku> - *JavaScript, AngularJS, CSS, HTML.*
- **In-place Sort Visualization:** A web-based visualization of various in-place sort algorithms. The visualization can be viewed at <http://feifanhe.com/sort-algo> - *JavaScript, CSS, HTML.*
- **Tree, Graph, and Grid Traversal Visualization:** A web-based visualization of tree, graph, and grid traversal algorithms. The visualization can be viewed at <http://feifanhe.com/traversal-algo> - *JavaScript, CSS, HTML.*
- **Automated Trading via Telegram:** A live trading algorithm platform with Telegram integration that runs on GCP. The platform can be accessed at <http://feifanhe.com/algo-trading> - *Python, Robinhood Unofficial library, Python Telegram Bot library.*
- **Stock Filter:** A Python-based stock filter that retrieves data from the Yahoo Finance endpoint and filters stocks using the criterias from Mark Minervini's Pivot Volatility Contraction Pattern. The source code for the project is available on GitHub at <https://github.com/FEIFAN-HE/stock-filter> - *Python, Yahoo Finance Web Endpoint.*

EXPERIENCE

- **ChangDu Investment Management Co.** - Business Analyst *Oct 2019 - Aug 2022, HangZhou, China*
- **TD Bank** - Personal Banking Associate *Feb 2019 - Sep 2019, Toronto, ON, Canada*
- **CIBC Bank** - Financial Service Representative *Oct 2017 - Jan 2019, Toronto, ON, Canada*

SKILLS

- **Languages:** Python | Java | Bash | NodeJS | Javascript | C++ | HTML
- **Frameworks:** React | Bootstrap | CSS | ExpressJS
- **Databases:** MongoDB | MySQL