

RAVI BROCK

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SKILLS

Languages

English, French

Programming languages

Bash, Lua, Python, R, CSS, HTML, \LaTeX

Tools

AWS, Git, Regex, SQL, Vercel, Vim

EXPERIENCE

Indra Capital - [Indracapital.tech](https://indracapital.tech)

2022

Paid Intern

Fayetteville, AR

- Developed Python scripts to scrape user-generated content from social media platforms
- Processed and analyzed the scraped data for use in algorithmic trading

University of Arkansas - [Arkansascovid.com](https://arkansascovid.com)

2021

Student Data Journalist

Fayetteville, AR

- Used R, Excel, Tableau, and Flourish to process data and create meaningful visualizations
- Wrote, researched, and fact-checked stories about COVID-19 in Arkansas

Arkansashype Reselling

2018-2021

Founder

Fayetteville, AR

- Started buying shoes and selling them on the aftermarket at 13; scaled to \$60,000+ a year of revenue
- Used Excel for accounting and R to scrape data to optimize purchasing

EDUCATION

University of Waterloo

2023-2028

93.5% average (equivalent to 4.0 GPA)

Waterloo, CA

- Studying in the Faculty of Mathematics' co-op program
- Undeclared Honor's Mathematics major

PROJECTS

[Texts AI](#)

Python, Regex, SQL, Transformers

- Designed and built a program that uses custom MacOS integrations to automatically read and reply to new texts
- Queries messages with SQL and Regex and generates responses using multithreading and *LLaMA* or *GPT* LLMs

[Twitter Catalog](#)

Python

- Built a tool to find which Twitter accounts you're most likely to be interested in based on who you follow
- Implemented rate limit and API handling with Requests and used Pandas to process data

OPEN-SOURCE CONTRIBUTIONS

[Hover.nvim](#)

Lua, Neovim

- Implemented feature with Lua and Neovim APIs to allow the user to toggle between info sources (like LSPs)
- Resolved pre-existing GitHub issue, added useful functionality to the plugin, and updated documentation

[LeetCode Sync](#)

JavaScript, GitHub Actions

- Added options to show more submission information (runtime, memory, etc.) and customize file locations
- Used JavaScript and the LeetCode API to query details and improve commit messages based on user settings