

RAVI BROCK

ravikeats@gmail.com | ravibrock.com | GitHub (ravibrock) | LinkedIn (ravibrock)

SKILLS

Languages	English, French
Programming languages	Bash, Lua, Python, R, CSS, HTML, \LaTeX
Tools	AWS, Git, Regex, SQL, Vercel, Vim

EXPERIENCE

Indra Capital <i>Paid Intern</i>	2022 <i>Fayetteville, AR</i>
<ul style="list-style-type: none">Developed Python scripts to scrape user-generated content from social media platformsProcessed and analyzed the scraped data for use in algorithmic trading	
University of Arkansas <i>Student Data Journalist</i>	2021 <i>Fayetteville, AR</i>
<ul style="list-style-type: none">Used R, Excel, Tableau, and Flourish to process data and create meaningful visualizationsWrote, researched, and fact-checked stories about COVID-19 in Arkansas	
Arkansashype Reselling <i>Founder</i>	2018-2021 <i>Fayetteville, AR</i>
<ul style="list-style-type: none">Started buying shoes and selling them on the aftermarket at 13; scaled to \$60,000+ a year of revenueUsed Excel for accounting and R to scrape data to optimize purchasing	

EDUCATION

University of Waterloo <i>93.5% average (equivalent to 4.0 GPA)</i>	2023-2028 <i>Waterloo, CA</i>
<ul style="list-style-type: none">Studying in the Faculty of Mathematics' co-op programUndeclared Honor's Mathematics major	

PROJECTS

Texts AI - https://github.com/ravibrock/texts-ai	<i>Python, Regex, SQL, Transformers</i>
<ul style="list-style-type: none">Designed and built a program that uses custom MacOS integrations to automatically read and reply to new textsQueries messages with SQL and Regex and generates responses using multithreading and <i>LLaMA</i> or <i>GPT</i> LLMs	
Twitter Catalog - https://github.com/ravibrock/twitter-scraping	<i>Python</i>
<ul style="list-style-type: none">Built a tool to find which Twitter accounts you're most likely to be interested in based on who you followImplemented rate limit and API handling with Requests and used Pandas to process data	

OPEN-SOURCE CONTRIBUTIONS

Hover.nvim - https://github.com/lewis6991/hover.nvim/pull/55	<i>Lua, Neovim</i>
<ul style="list-style-type: none">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 - https://github.com/joshcai/leetcode-sync/pull/46	<i>JavaScript, GitHub Actions</i>
<ul style="list-style-type: none">Added options to show more submission information (runtime, memory, etc.) and customize file locationsUsed JavaScript and the LeetCode API to query details and improve commit messages based on user settings	