

Ravi Brock

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EXPERIENCE

Indra Capital

Paid Intern

2022

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

Student Data Journalist

2021

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

Founder

2018-2021

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

Mathematics

2023-2028

Waterloo, CA

- Studying in the Faculty of Mathematics' co-op program
- Planning to major in mathematics with a focus on statistics and computer science

Fayetteville High School

4.32 GPA

2019-2023

Fayetteville, AR

- Graduated as valedictorian and with distinguished honors
- Member of National Honor Society, National English Honor Society, French Honor Society, and Mu Alpha Theta

Haverstock Sixth Form

Received A's for all A-Levels

2021-2022

London, UK

- Spent my junior year of high school here as a visiting student before returning to the US
- Took Economics, English, French, and Geography A-Levels

PROJECTS

Texts AI - <https://github.com/ravibrock/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 - <https://github.com/ravibrock/twitter-scraping>

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

SKILLS

Languages

English, French, German

Programming languages

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

Tools

AWS, Git, SQL, Regex, Vercel, Vim