

# Ravi Brock

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## EXPERIENCE

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### 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

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### University of Waterloo

*93.5% average (equivalent to 4.0 GPA)*

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

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### 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

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### Languages

English, French, German

### Programming languages

Bash, Lua, Python, R, CSS, HTML,  $\text{\LaTeX}$

### Tools

AWS, Git, SQL, Regex, Vercel, Vim