Ravi Brock

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EXPERIENCE

Indra Capital - 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   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
Mathematics   *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   2019-2023
4.32 GPA   *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   2021-2022
Received A's for all A-Levels   *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 ⍾   *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

SKILLS

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