

Arjun S. Maitra

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EDUCATION

Cornell University Class of 2028; Milstein Scholar
St. John's School **GPA** (Weighted): 95.01 out of 100 | **SAT** (Composite): 1590
Houston, TX *Awards:* Cum Laude Society Inductee, Presidential Scholar Candidate, AP Scholar with Distinction, James Goodrich for Excellence in Math, Chapman Fellowship for Service Learning

EXPERIENCE

TLDRMap, Remote *July 2023-Present*

Lead Developer

- **TLDRMap** is a WIP map-based display of geopolitical data and current news condensed into bite-sized form.
- Led a team of 5 coders, managing team through to-do lists, while building large portions of the frontend and backend using Vue.js and AWS Web Services.
- Self-taught Vue, mastering components and TailwindCSS to design UI and improve code maintainability.
- Used BS4 and Playwright to scrape news articles from reliable sources, and GPT-4 API to summarize and geolocate.

Independent Research, Remote *May 2022-September 2024*

Quantitative Researcher

- Published abstract, *Red Card: Key Themes in the Contentious Social Media Debate on the Qatar 2022 FIFA World Cup*, in the GDH Proceedings journal and the MSU Humanities Common Core database. DOI: 10.17613/acrc-d665
- Used sentiment analysis, stochastic embedding, and other NLP methods to analyze 500k+ Tweets.
- Presented my research at the **Global Digital Humanities** (GDH) Symposium at Michigan State University
- Worked as research intern for Team **DrBioRight** at M.D. Anderson Cancer Center. Researched the effect of the COVID-19 pandemic on cancer and vaccines using NLP and Twitter API Data.

The Review | Online, St. John's School *August 2020-May 2024*

Lead Technical Editor + Writer

- Produced bi-monthly user reports based on Google Analytics for the Editorial Board.
- Authored 15 articles and awarded Best of Scholastic News Online (SNO) badge for a news feature.

Flank, Inc, Remote *June 2023-August 2023*

Summer Intern (Paid)

- Flank is a cloud infrastructure company providing services to help businesses connect their operations and engineering departments.
- Created a LinkedIn scraper to find target companies. Developed a geopolitical map tool to test Flank software. My tool was chosen for client pitches and highlighted on Flank's social media.

Bright Beats Project, Houston, Texas *May 2022-January 2024*

Founder

- Led Djembe drum circles for children with autism spectrum disorder enrolled in the Greater Houston Easter Seals school for their weekend enrichment & summer music therapy program.

CodeNinjas, Houston, Texas *February 2024-August 2024*

Coding Instructor

- Instructed kids aged 6-16 basic coding and scripting from block coding to Python, organized lesson plans, and engaging classes for afterschool programs and summer camps.

LANGUAGE/COMPUTER SKILLS

- Fluent in spoken Bengali; Latin (particularly reading old manuscripts); Greek (Beginner)
- Python (pandas, numpy, scikit-learn, NLP, web scraping), Java Data Structures and Algorithms, Vue.js (HTML/CSS), R