



TEJAL WAKCHOURE

(note: US citizen, sponsorship not required)

 [tejalw](#)

 [tejalwakchoure.github.io](https://github.com/tejalwakchoure)

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EXPERIENCE

DATA ANALYST, GOLDMAN SACHS BENGALURU, INDIA

JUL 2020 - APR 2022

- Built data science models and visualizations for a two-week COVID-19 Analysis Datathon. Finalist (team of 6) among over 1000 new engineering and strats analysts across the Americas, EMEA, India and APAC.
- Designed and automated a new platform to provide real-time statistical analyses to securities traders. The new system delivers 5x the original capacity and handles a daily cash flow of over 1.5 billion USD.
- Led data-driven user experience strategy over 5 months, collaborating with a team of 20+ front-desk Hong Kong and Tokyo Stock Exchange traders ('users'). Drafted clear technical documentation to onboard these traders onto the new stack and incorporated their feedback to enhance structural quality.
- Mentored 2 interns and 2 junior analysts by conducting knowledge-sharing sessions on business and technology workflows and supervising their projects.

MEDIA RESEARCHER, MIT MEDIA LAB CAMBRIDGE, MA

AUG 2019 - DEC 2019

- Analyzed political communication on 14 American news channels (focused on Fox and MSNBC) with SuperGlue. Examined nonverbal cues on these platforms that potentially influence viewers and lead to the formation of echo chambers.
- Created a multimodal computer vision structure for the cross-analysis of facial expressions (11 emotions and 20 mannerisms), hand gestures, and characteristic features (age, gender, ethnicity).
- Visualized outcomes for weekly Viral Communications group meetings using radar charts and dashboards.
- Designed the event poster for Reimagine This Place, an art-based fundraiser arranged by MIT Media Lab students and staff in response to revelations of MIT's ties to Jeffrey Epstein. The poster was selected from 9 volunteer entries and put up throughout the university.

TECHNOLOGY ANALYST, GOLDMAN SACHS BENGALURU, INDIA

MAY 2019 - JUL 2019

- Developed an end-to-end web interface in React under weekly sprint deadlines over the two-month internship period. Integrated it with a backend SQL database.
- Led UI/UX design and front-end development for a team of 5. Sketched and pitched visual ideas for team input.
- Handled industry deployment for lateral data extraction. This restructuring improved the database management efficiency by 30%.

EDITOR & COORDINATOR, BITS-GOA GOA, INDIA

APR 2017 - APR 2018

- Sourced and edited content for Sizzling Sands, BITS-Goa's annual student magazine, as part of the Literary Society. Student pieces included English and Hindi prose, poetry, alumni interviews, illustrations, and photographs.
- Designed layout and wrote copy for the magazine under the Chief Editor. Managed printing and distribution for 2000+ students across the university.
- Created and coordinated InVerse, a slam poetry competition featuring 90+ contestants across 3 cities. Organized BITS-Goa's literary festival, Carpe Dictum, as part of its larger cultural festival that sees an average footfall of 50,000.

EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)

CAMBRIDGE, MA | 2019

Bachelor Thesis,
Computational Politics

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI (BITS-GOA)

GOA, INDIA | 2016 - 2020

Bachelor of Engineering,
Computer Science

GPA - 8.62/10.00

SKILLS

DATA & PROGRAMMING

SKILLS

Full-stack Development, Data
Exploration & Visualization,
Machine Learning, News
Analytics, Project Management

TECHNOLOGIES

Python, C/C++, Java, HTML/CSS,
JavaScript (React.js, D3.js), SQL,
Android Studio

DESIGN & WRITING

SKILLS

Wireframing, Prototyping, UI/UX
and Interaction Design, Layout
Design, Content Writing

TECHNOLOGIES

Figma, Adobe Illustrator, Adobe
InDesign

COURSEWORK

Politics: Scalable Civic Action (at
MIT)

Visualization for Data Journalism
(UIUC on Coursera)

Data Visualization: Storytelling
(LinkedIn)

Graphic Design (UCB on Coursera)