

TEJAL WAKCHOURE

(note: US citizen, sponsorship not required)

 [tejalw](#)

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EXPERIENCE

DATA ANALYST, GOLDMAN SACHS

JUL 2020 - APR 2022

BENGALURU, INDIA

- Built data science visualizations for a two-week COVID-19 Datathon. Finalist (team of 6) among over 1000 new engineering and strategy 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 UX strategy over 5 months. Collaborated with 20+ Hong Kong and Tokyo Stock Exchange traders ('users'). Drafted concise technical documentation to bring them onto the new stack and integrated their feedback.
- Mentored 2 interns and 2 analysts by conducting knowledge-sharing sessions on business and technology workflows and supervising their projects.

MEDIA RESEARCHER, MIT MEDIA LAB

AUG 2019 - DEC 2019

CAMBRIDGE, MA

- Analyzed political journalism on 14 American news channels (focused on Fox and MSNBC) with [SuperGlue](#). Examined nonverbal visual cues in reporting that potentially influence viewers and form 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 run by MIT Media Lab students following revelations of MIT's ties to Jeffrey Epstein. The poster was selected from 9 entries and put up across campus.

SOFTWARE ANALYST, GOLDMAN SACHS

MAY 2019 - JUL 2019

BENGALURU, INDIA

- Led UI design and front-end development for a team of 5 on an interactive web and mobile application in React. Sketched and pitched visual ideas for team input under weekly sprint deadlines over a two-month internship period.
- Integrated the interface with a SQL database. Handled deployment for lateral data extraction that improved database management efficiency by 30%.

EDITOR & COORDINATOR, BITS-GOA

APR 2017 - APR 2018

GOA, INDIA

- Sourced and edited content for Sizzling Sands, BITS-Goa's student magazine. Pieces included English and Hindi interviews, illustrations, and photographs.
- Designed the 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 event featuring 90+ contestants across 3 cities, as a part of BITS-Goa's cultural festival that sees a footfall of over 50,000. Produced promotional graphics for social media (Instagram).

EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)

CAMBRIDGE, MA | 2019

Bachelor's Thesis,
Computational Politics

BIRLA INSTITUTE OF TECHNOLOGY & 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

Java, C/C++, Python, 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](#))