

# TANISHQ KUMAR

## Recent Projects & Work Experience

### COVIDGAPYEARS

Founder | June 2020-July 2020

- Web app matching students considering a gap year due to COVID to those who have taken one based on interests and goals.
- First line of code to 10,000 monthly active users & \$3,000 monthly revenue in 7 weeks, then acquired by the Gap Year Association.
- Approx. 5000 lines of code, made with Django & vanilla JS on PostgreSQL, hosted on Heroku & AWS S3.

### CAREERFEAR

Founder & Executive Director | 2014-2020

- Education equity nonprofit working with disadvantaged high schools.
- Hosted careers workshops at schools, interviewing professionals (eg. novelist or investment banker) about their careers (eg. day-to-day).
- Team of >100 volunteers in 13 countries, worked with 6000 students directly, ft. on CNN, Gulf News, Business Matters & more.

## Education History

### HARVARD COLLEGE

A.B. Mathematics & Computer Science (2020-2024)

- **First-Semester Coursework:** Theoretical Linear Algebra & Real Analysis, Systems Programming, Honors Classical Mechanics & Special Relativity, Introduction to Probability
- HackHarvard, Harvard Crimson

### GAP YEAR

San Francisco Bay Area (2019-2020)

- Freelanced as full-stack software engineer, building MVPs/prototypes for startups (many still in stealth)
- Met founders, engineers, and investors across industries, including climate & energy, defense & military, urban tech & mobility, gaming & media. Attended related meetups & conferences.

### WESTMINSTER SCHOOL

Sixth Form (2017-2019)

- Reserve on British Team to 2019 IBO (International Biology Olympiad).
- Admitted to study physics at Trinity College, Cambridge (declined).
- Top grades in A Levels/Pre-U in Mathematics (A\*), Physics (D1), Chemistry (D1), Biology (A\*).
- 1580 SAT, 800 Math II & Biology.
- Captain of Golf Team, School Prefect, Head of Science Club.

## TL;DR

I'm a freshman at Harvard studying math and computer science. I grew up in 8 cities, London and Abu Dhabi chief amongst them, and speak French and Hindi fluently. I value the technical strength of my peer group above all, and would like to read as much as I can before I die.

## Technologies

Descending order of comfort:

Python (Django, Flask)  
REST  
HTML5/CSS  
JavaScript (ReactJS, React Native)  
SQL (SQLite, MySQL, Postgres)  
GraphQL (Apollo, Graphene)  
C

## Currently Reading

*Order Without Design* (Urban Economics)  
*Caesar, Life of a Colossus* (Biography)  
*The Idea Factory* (History of Bell Labs)  
*Feeding the World* (Agricultural History)

## Contact Details

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## Hobbies and Interests

Amateur breakdancer  
Scratch golfer  
Learning mandarin  
Reading world history  
Prototyping consumer web/mobile apps