

Rishabh Tatia

Software Developer

College Station, TX | 713-208-0982 | tatiaris2001@gmail.com

Education

Texas A&M University - College Station

Aug 2018 - May 2022

Applied Mathematics Major, Computer Science Minor

Sample of Courses Taken: Data Structures and Algorithms, Design and Analysis of Algorithms, Number Theory, Abstract Algebra, Real Analysis, Discrete Mathematics, Computer Organization.

Professional Experience

Tech Director, TAMU Datathon, College Station (tamudatathon.com)

Jun 2020 - Present

- Organized the **largest MLH Datathon** event with over 2000 applicants, spanning 120+ majors, and 100+ universities.
- Worked within a team consisting of 4-6 members to develop the organization's **open source** website, projects, and tools.
- Built and published the organization's customized **bulk emailing tool** using the Mailgun API, event and participation tracking system, progress logging slack bot, and more.

Full Stack Developer, ACE Lab, College Station (acelab.tamu.edu)

Feb 2020 - Present

- Collaborated with a doctoral student to develop a web-based **data entry, visualization, and analysis** application.
- Built the official lab website which serves over 12000 users every year, with over 25% increase in the past year.
- Redesigned, updated, and maintained over 30 pages on a regular basis to ensure up-to-date public information.

PHP Developer, 4.0 Tutoring, College Station (fourotutoring.com)

Sep 2019 - Jan 2020

- Developed an authenticated **work logging and validation system** to keep track of employee performance.
- Assisted in **increasing sales by 4%** over the next semester due to more efficient workflow and time-management.
- Redesigned the home and tutoring pages to make them more responsive and user friendly.

Projects

Full Stack, Resubae, HTML/CSS Resume Builder (resubae.net)

Dec 2020 - Ongoing

- Developed and launched the free to use **resume builder website** that allows users to efficiently create resumes.
- Integrated Auth0 for authentication and MongoDB for storing user data into the web application.
- Created a 'design' page for public to easy create custom templates and contribute to the platform.

Full Stack, WIEAT, Web-based Interactive Episode Analysis Tool (wieat.vercel.app)

Oct 2020 - Ongoing

- Developed and published a data entry, visualization, and analysis tool to perform interactive episode analysis.
- **Automated the process** of episode analysis, increasing convenience, effectiveness, and efficiency during research.
- Utilized MongoDB to create the centralized database for all interactions and episodes.

Full Stack, Aggie Degree Planner, TAMU Degree Plan Generator (tamudp.vercel.app)

Nov 2020 - Dec 2020

- Developed a web application that allows users to **create a degree plan** efficiently with ease.
- **Crawled and collected** graduation requirements for several degrees at TAMU in an organized format.
- Designed an elegant user interface for viewing the large amount of information needed to create a degree plan.

Profile

- **Technical Skills:** Node.js, ReactJS, Flask, Spring, MongoDB, SQL, Typescript, Python, Java, C++, PHP, R
- **Spoken Languages:** English (Fluent), Hindi (Fluent), French (3+ years)
- **Hobbies:** Racquetball, Badminton, Pool, Basketball, Long-boarding, Gaming, Cubing, Coding
- **Links:** Tatiaris (personal website), Github, LinkedIn