RISHABH TATIA

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EDUCATION

TEXAS A&M UNIVERSITY / College Station, Texas   Aug 2018 - May 2022
Bachelor of Science in **Applied Mathematics** with a minor in Computer Science   GPA: **3.4**
Technical Skills: Node.js, Spring Boot, ReactJS, Flask, Git, Typescript, Java, Python, C++, PHP
Relevant Coursework: Algorithm Design and Analysis, Numerical Methods, Discrete Mathematics, Data Structures and Algorithms

RELEVANT EXPERIENCE

INTUIT / Full Stack Software Engineering Intern / Remote   May 2021 - Aug 2021
- Built on a large scaling backend to power the Finish and File section for Turbotax utilizing **Spring Boot** and **Java**.
- Devised and extended libraries to improve server side rendering functionality for TurboTax Online.
- Enhanced front-end plugins and widgets used to guide users on Turbotax using **React**, **Redux**, and **Lottie**.

TAMU DATATHON / Software Developer / College Station, Texas   May 2020 - Present
- Organized one of largest MLH Datathon events with **1000+ applicants**, spanning **100+ majors**, and **120+ universities**.
- Constructed Portal, an event showcase and participation platform combined with user tracking, with **Node.js** and **React**.
- Developed Mercury, a mailing web application consolidated with Mailgun to edit, view, and send custom HTML emails.
- Contributed to several open-source projects, including a user authentication system, a Discord bot, and a Slack bot.

APPLIED COGNITIVE ERGONOMICS LAB / Full Stack Developer / College Station, Texas   Feb 2020 - Present
- Designed and updated webpages for easier access to information and better user experience through **HTML**, **JS**, and **CSS**.
- Created WIEAT, a web-based data entry, visualization, and analysis application leveraging the **Next.js** framework.
- Applied best strategies for improving Acelab's online presence, boosting visitor count to **12,000+ users** per year.

4.0 TUTORING / PHP Developer / College Station, Texas   Aug 2019 - Jan 2020
- Devised a work logging platform with authentication to keep track of employee performance utilizing **PHP** and **SQL**.
- Assisted in boosting tutoring sales by **7%** over one semester by implementing a more efficient workflow for students.
- Redesigned webpages to provide better **SEO**, responsiveness and user friendliness with HTML, JS, and CSS.

PROJECTS

RESUVILLE / Full Stack Developer / resuville.com   Dec 2020 - May 2021
- Developed and launched a free and easy to navigate resume builder website for efficient templating with **Node.js** and **React**.
- Integrated sign up / log in functionality into the app leveraging Auth0 and data storage and tracking through **MongoDB**.
- Implemented a searching and filtering system, along with intricate customization for all available templates.

INTERACTIVE EPISODE ANALYSIS TOOL / Full Stack Developer / wieat.vercel.app   Oct 2020 - Mar 2021
- Invented and published a data entry, visualization, and analysis tool to perform interactive episode analysis.
- Automated tedious process of data collection through a public **Node.js** API, enhancing research efficiency.
- Employed **MongoDB** to create a centralized database for all interactions and episodes for collective data analysis.

AGGIE DEGREE PLANNER / Full Stack Developer / tamudp.vercel.app   Nov 2020 - Dec 2020
- Constructed and deployed a generalized university degree planner application employing the **Next.js** framework.
- Used **Axios** and **Cheerio** to scrape major relevant courses and generate a database of graduation requirements.
- Designed **React** components to integrate progress tracking for students to conveniently check degree progression.

EXTRACURRICULAR

TEXAS A&M RACQUETBALL TEAM / Officer   Aug 2019 - Present
- Secured **first position** in D2 mens doubles at the Aggieland Open (2019) and third position in D2 mens singles.
- Secured **first position** in D3 mens doubles at the Longhorn Open (2019) and second position in D2 mens singles.
- Organized and participated in weekly practice tournaments and qualified for the 2020 Collegiate Racquetball tournament.