RISHABH TATIA

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EDUCATION

TEXAS A&M UNIVERSITY / College Station, Texas   AUG 2018 - MAY 2022
Major in Applied Mathematics, 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, Number Theory, Computer Organization, Discrete Mathematics

RELEVANT EXPERIENCE

INTUIT / Software Engineering Intern / San Diego, California   MAY 2021 - AUGUST 2021
- Worked on a large scaling backend to power the Finish and File section for Turbotax using **Spring Boot** and **Java**.
- Developed and extended libraries to improve server side rendering functionality for TurboTax Online.
- Created and improved unit and integration tests while reviewing and documenting new and legacy code.

TAMU DATATHON / Software Developer / College Station, Texas   MAY 2020 - Present
- Created Portal, an event showcase and participation platform with integrated user tracking, using **Node.js** and **React**.
- Developed Mercury, a mailing web application integrated with Mailgun to edit, view, and send custom HTML emails.
- Contributed to several open-source projects, including an authentication system, a Discord bot, and a Slack bot.

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

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

PROJECTS

RESUVILLE / Full Stack Developer / resuville.com   DEC 2020 - Present
- Developed and launched a free to use resume builder website for efficient templating using **Node.js** and **React**.
- Integrated sign up / log in functionality into the app using 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
- Developed and published a data entry, visualization, and analysis tool to perform interactive episode analysis.
- Automated the process of data collection through a public **Node.js** API, which increased research efficiency.
- Utilized **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
- Developed and published a generalized university degree planner application using the **Next.js** framework.
- Used **Axios** and **Cheerio** to scrape major relevant courses and generate a database of graduation requirements.
- Created **React** components to integrate progress tracking for students to conveniently check their degree progression.

ORGANIZATIONS

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.