Adil Rasiyani

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Education

- **Texas A&M University** — College Station, TX
  *Bachelor of Science in Computer Science; **GPA: 4.00*** — *Expected Dec 2022*
  - **Relevant Coursework:** Data Structures and Algorithms, Discrete Mathematics, Computer Organization, Programming Languages, Linear Algebra, Statistics, Intro to Computer Systems, Design and Analysis of Algorithms.

Experience

- **Visa** — Austin, Texas (Remote)
  Software Engineer Intern — *May 2020 - Jul 2020*
  - Automated generation of **JSON** test data for an application using **Python**, saving multiple hours of manual work.
  - Developed interface for viewing spreadsheet data using **Angular**.
  - Designed and integrated **REST API** endpoints to modify spreadsheet data using **Apache POI** and **Java SpringBoot**.
  - Researched, analyzed and implemented linear time algorithm to efficiently find differences between spreadsheets.
  - Earned maximum level of recommendation at end-of-term evaluation for strong communication, teamwork and performance.
- **Prime Communications** — Sugar Land, TX
  Business Process Automation Intern — *May 2019 - Aug 2019*
  - Developed 5 internal programs using **Selenium** framework and **Apache POI** for Java to automate daily report generation and reduce developer workload by **10%**, or **300 hours / year**.
  - Took initiative to automate the verification of millions of rows of Excel data to identify discrepancies in key reports.
  - Wrote SQL queries to search and filter data to inform the design of upcoming projects.
- **ITREB for USA** — Sugar Land, TX
  Software Development and IT Intern — *Jul 2018 - Aug 2018*
  - Used **MVC** methodology with **ASP.NET** framework to contribute to web-facing employee management application.
  - Debugged and created SQL queries to search and filter data for a web-facing volunteer management interface.
- **Code Ninjas** — Sugar Land, TX
  Code Sensei (Instructor) — *Aug 2018 - Jan 2019*
  - Delivered engaging lessons on programming fundamentals in Scratch and JavaScript to help kids develop a passion for computer science.

Projects

- **Pocket Justice** — *Tools Used: Python, React, Node.js, Express, Beautiful Soup, MongoDB Atlas*
  - **Honorable Mention** at Global Hacks 2020.
  - Central platform that displays relevant, popular petitions to help users find movements they are passionate about.
  - Created automated scraping programs with **BeautifulSoup** and hosted data on **MongoDB** Atlas cluster.
  - Created API with **Node.js** and **Express** to retrieve and serve petition data.
  - Configured and deployed full-stack application to **Heroku** with React/Node as well as Python buildpacks.

Leadership

- **TAMUhack** — College Station, TX
  Director — *Mar 2020 - Present*
- **Aggie Competitive Programming Club** — College Station, TX
  Logistics Chairman — *May 2020 - Present*

Honors & Awards

- **Gold Rank at USA Computing Olympiad**: Ranked in the top 20% of students in national programming competition.
- **Dean's List**: Achieved and maintained a GPA greater than 3.75 and remained in good academic standing.

Certifications

- **Agile Software Development**: Awarded May 2020 on *LinkedIn Learning* platform.

Programming Skills

- **Languages**: (Proficient): Python, Java, Typescript, (Familiar): C++, Javascript, Scheme, SQL
- **Technologies**: Pandas, NodeJS, Express, Angular, React, Spring Boot
- **Databases/Environments**: MySQL, MongoDB, UNIX