Rahul **Sonwalkar**

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Education

The University of Texas at Dallas

BS in Computer Science.   May 2020
- Discrete Math for Computing, Computer Architecture, C++ & Java Programming   **GPA: 3.75 / 4.0**

Experience

Rechat   Fall 2017

Software Engineering Intern (Fall)

- Intern on the API Team
- Designed and implemented a new email feature with NodeJS that integrates Mailgun API, replacing existing Amazon SES.
- Wrote Frisby.js tests for all API endpoints, improving total code coverage by 7%

Projects

Flyo | 1st Prize, Sabre Hackathon'17

- Built an Amazon Alexa hack enabling users to make travel plans with their friends.
- Worked with Alexa SDK and Sabre Dev Studio and deployed on AWS Lamda in 24 hours.

Gordon

- Lightweight team communication tool built inside Command Line Interface (CLI) to increase Dev productivity.
- Built using NodeJS and connects to IRC backend.

Fannie Bae | YHack'16 @ Yale University

- A tool to predict depreciation to to-be-auctioned assets owned by Fannie Mae.
- Built with NodeJS, deployed on Heroku and integrated Google Maps API to create visual representations and draw insights.

NuruBot | MinneHack'17 @ University of Minnesota

- Built and deployed a Facebook Messenger bot and integrated IBM Watson's Alchemy API for personality insights on users.

Leadership

HackersUTD | Founder & President   Aug 2017 - Present

- Hackathon enthusiast club at UT Dallas.
- Recruited and lead a team of officers to conduct programming workshops and promote hackathons on campus.

Student Government | Senator & Chair of Technology (Elected)   Sept 2016 - May 2017

- Lead a team of 7 Senators in Technology Committee to enact technology related changes on campus.
- Successfully advocated for the overhaul of university-wide NetID (Identity management) system.

Scholarships

Academic Excellence Scholarship

- 4 year Academic scholarship covers 90% of the tuition.
- Awarded to incoming freshmen with high GPA and SAT scores

Skills

Experienced

• NodeJS • C++ • Java • Javascript • HTML & CSS • PostgreSQL • Git (version control)

Familiar

• MongoDB • ReactJS • Python • PHP • MIPS Assembly