

Rahul Sonwalkar

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Education

University of Texas at Dallas

BS in Computer Science

GPA: 3.7 / 4.0

Graduation: 2020

Links

Github: /rahulsonwalkar

LinkedIn: /rahulsonwalkar23

Blog: rahul.ru/blog

Programming

- Java • Javascript • C++
- Python (familiar) • PHP
- HTML & CSS • SQL

Technologies

- NodeJS • Express • REST APIs
- Git (version control)
- Mocha (testing) • Chai (library)
- MongoDB • PostgreSQL
- ReactJS •

Coursework

Computer Science II with Java

Computer Science I with C++

Discrete Math for Computing

Computer Architecture

Data Structures & Algorithms

Scholarships

Academic Excellence Scholarship

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

Experience

Rechat Fall 2017 | Dallas, TX

Software Engineering Intern (Co-Op)

- Backend API and Platform team. Early Engineer.
- Designed and implemented a new email module with NodeJS & Mailgun API that is reused across the company's code base to send any emails.
- Wrote integration tests for new API endpoints, improving total code coverage by 3%
- Wrote a script to log user activity and feature accessibility by tracking the HTTP requests received on the API. This helped the Product Designers understand how the mostly non-tech savvy users use the application.
- Developed a feature in React for an internal client-success tool.
- Wrote NodeJS scripts to increase productivity of the MLS Listing scrapper.

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 Lambda in 24 hours.

Gordon (See Github)

- 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'sAlchemy API for personality insights on users.

Leadership

HackersUTD | Founding President

Aug 2017 - Present

- Hackathon enthusiast club at UT Dallas.

Student Government | Chair of Technology (Elected)

Sept 2016 - May 2017

- Lead a team of 7 Senators in the Technology Committee.
- Successfully pushed for the overhaul of the university-wide NetID system.