Timothy Goh

STUDENT | SOFTWARE ENGINEER

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Education

Rice University   *Houston, TX*
BS IN COMPUTER SCIENCE | MINOR IN ENTREPRENEURSHIP, GPA: 3.76/4.00   *Expected May 2022*
- **Courses**: Parallel Programming, Computer Systems, Computer Algorithms, Linear Algebra, Engineering Design and Communication

Experience

Bill.com   *San Jose, CA*
SOFTWARE ENGINEER INTERN   *Jun - Aug 2020*
- Created a scalable solution to automate AWS deployments for Bill's highest traffic microservice, resulting in 8x speedup
- Performed analysis and authored extensive documentation on how to extend automated deployments to other microservices

Menu   *Houston, TX*
CEO & FOUNDER   *May 2020 - Present*
- Founded a startup that provides personalized menu item recommendations for 5000+ restaurants in the Greater Houston area
- Led a team of 12 people using Agile Scrum to define the product, conduct market research, and create a full-stack web app

Capital One   *Arlington, VA*
SOFTWARE ENGINEERING SUMMIT PARTICIPANT   *Aug 2019*
- Won "Best Concept" prize by building a chatbot-based React/Firebase social networking web app to facilitate access to microloans

Q2ebanking   *Austin, TX*
SOFTWARE ENGINEER INTERN   *May - Aug 2019*
- Implemented a Vue.js/Node.js-based dashboard to monitor the status and features of 100+ client websites
- Used the Apify SDK web crawler to automate the process of detecting website features and taking screenshots

Projects

Home Recipes   *San Antonio, TX*
ROWDY HACKS 2020 | 1ST PLACE OVERALL   *Mar 2020*
- Built a web app that suggests recipes after considering missing ingredients, food substitutes, and the user's current pantry
- Won 1st place overall at Rowdy Hacks 2020 and worked with Python (Flask, Pandas) in a 4-person team

Rice Course Evaluations   *Houston, TX*
RICE DATATHON 2020 | 1ST PLACE OVERALL   *Jan 2020*
- Created a pipeline to analyze over 0.5 million Rice course reviews to improve the system for the registrar, professors, and students
- Won 1st place overall at Rice Datathon 2020 and worked with Python and MATLAB in a 5-person team

Nest   *Houston, TX*
HACKRICE 8.5 | 1ST PLACE OVERALL   *Mar 2019*
- Developed an iOS app that gamifies the student experience by using geofencing to track progress towards real life achievements
- Won 1st place overall at HackRice 8.5 and worked with Swift and Xcode in a 4-person team

Activities

Rubik's Cube World Record Holder
- World record holder for solving a Rubik's cube blindfolded with feet (2 minutes and 43 seconds)
- 3rd place at CubingUSA Nationals 2018 in 5x5 blindfolded (Formerly ranked 9th in the world)
- Started a YouTube channel (4BLD) to teach advanced techniques for solving Rubik's cubes blindfolded (100,000+ video views)
- Designed and coded training/analysis applications used by 1000+ Rubik's cube solvers across the world

Skills

Languages   Java, JavaScript, Python, MATLAB, HTML, CSS, C, Swift
Technologies   React, AWS, Node, Ansible, Vue, Git, iOS