

Harsh Gadodia

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

[Computer Engineering](#), 2019
[University Scholars Programme](#)
(Honors College, Liberal Arts Programme)

PROGRAMMING

Python, Java, Swift, SQL,
JavaScript, C, Assembly, Verilog

AWARDS

- 2018 Overall Winner, Hack&Roll, Singapore's largest Hackathon
- 2018 3rd, AWS Cloud Hackathon
- 2016 Overall Winner, Facebook Hackathon Southeast Asia
- 2016 Top 8, Facebook World Hackathon Finals, USA

SCHOLARSHIPS

- 2017 NUS Overseas Scholarship
- 2017 Government Technology Scholarship
- 2016 Ngee Ann Kongsi Scholarship

COURSEWORK

Data Structures and Algorithms
Software Engineering
Computer Interfaces
Computer Networks
Operating Systems
Databases
Computer Architecture
Programming Languages
Big Data for Data Science

EXPERIENCE & PROJECTS

Epic! | SOFTWARE ENGINEERING INTERN

1 Year - January 2017 – December 2017 | San Francisco Bay Area, California

- Created quizzes from scratch on iOS. 200 quizzes were taken millions of times by users in the year after being launched
- Created featured banners from scratch on iOS to promote content available on the platform
- Worked on internal tools for content team to upload materials effortlessly onto the platform. Saved content team 30% of their time, while reducing errors in uploading 10%
- Worked on a teacher panel to allow teachers to track their classroom progress and sync with Google Classroom. Used by 5 million teachers and students across America, and in 87% of elementary schools.
- Converted traditional animations to vector-based animations using open-source libraries, making them smoother and smaller in size. Reduced application bundle size 10%
- Used Sphinx with TensorFlow to make searching for content smarter, faster, and more accurate, and recommend better content to users

Karina | TEAM MEMBER

September 2018 | Singapore

- Built an AI personal assistant from scratch for Singapore's largest IVF center
- Built product completely using cloud services including AWS tools such as Cognito, S3, lambda, SES, SNS, CloudWatch, Lex, VPC and RDS
- Designed and implemented database schema from scratch
- Compliant to hospital privacy and availability guidelines
- Currently undergoing development of product for production solution

Sharktanks | TEAM MEMBER

July - December 2018 | Singapore

- Built a Kickstarter-like crowdfunding website using Node, Express, React, PostgreSQL, and Sequelize
- Wrote complex SQL queries using DDL and DML to be able to query database for various use cases efficiently and effectively

FoodHero | TEAM MEMBER

September 2018 - Currently | Singapore

- Built a Facebook messenger bot to prevent food wastage after big events like conferences and hackathons
- Built a website to display type of food available, quantity, and expiry date and time to charities
- Currently working on partnering with ride-hailing apps like Uber to help distribute food as part of their CSR programs

CS1101S, National University of Singapore | TUTOR

July – December 2018 | Singapore

- Tutored students in Programming Methodology weekly for 2 hours
- Designed problems, wrote test cases, graded work, commented on code, and enforced good coding practices and style
- Conducted office hours for students to clarify doubts and talk about concepts
- Taught a special course on git version control for students
- Rated 4.7/5, (faculty average 4.2/5) nominated for teaching award