

# Harsh Gadodia

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A motivated problem-solver looking for Junior Software Engineering opportunities

## EDUCATION

### NATIONAL UNIVERSITY OF SINGAPORE

B.ENG IN COMPUTER ENGINEERING  
UNIVERSITY SCHOLARS PROGRAMME  
Expected April 2019

## AWARDS

### 2019 Overall Winner

Hack&Roll, Singapore's largest Hackathon

### 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

2016 Government Tech 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

## LANGUAGES

Python • Java • JavaScript • Swift

Scala • SQL • C • Assembly • Verilog

## LINKS

Github:// [harshgadodia](#)

LinkedIn:// [harsh-gadodia](#)

Facebook:// [harsh.gadodia](#)

## EXPERIENCE

### EPIC CREATIONS INC. | SOFTWARE ENGINEERING INTERN

Jan 2017 – Dec 2017 | San Francisco Bay Area, CA

- Improved search function by integrating TensorFlow into Sphinx search engine. Provided better results and made searching for content smarter, faster, and more accurate, and recommended better content to users.
- Improved workflow for content team by working on internal tools to upload materials effortlessly onto the platform. Reduced time needed to format content by 30% while reducing upload errors
- Significantly reduced application bundle size and improved quality of animations by converting traditional animations to vector-based animations using open-source libraries (lottie-ios)
- Engineered interactive quizzes feature on iOS platform, which have been taken millions of times since
- Engineered featured banners on iOS platform, allowing marketing team to publicize new content in a fun and interactive way
- Worked on a teacher panel to allow teachers to track their classroom progress and sync with Google Classroom. Used by over 5 million teachers in America

### CS1101S PROGRAMMING METHODOLOGY | TUTOR

July 2018 – Dec 2018 | NUS, Singapore

- Tutored, designed algorithmic problems, wrote test cases, graded work, commented on code, and enforced good coding styles and practices
- Rated 4.7/5 (faculty average 4.2/5), nominated for teaching award

## PROJECTS

### FOODEXCHANGE | CREATOR, TECH LEAD

Jan 2019 – Present | Singapore

Built an interactive telegram bot and ReactJS webpage to allow hostel residents to sell unused meal credits. Won the overall prize at Hack&Roll 2019, Singapore's largest Hackathon. Currently working on launching beta app with help from peers.

### CHOPEGOD | CREATOR, DEVELOPER

Jan 2018 | Singapore

Built an iOS application that allows users to virtually reserve a table or venue by dropping a pin in AR using ARKit, CoreLocation, and firebase. Won the overall prize at Hack&Roll 2018, Singapore's largest hackathon.

### KARINA | CO-CREATOR, DEVELOPER

Sep 2018 | Singapore

Built an AI assistant from scratch for Singapore's largest IVF center using cloud services including AWS Cognito, S3, lambda, SES, SNS, CloudWatch, Lex, VPC and RDS. Designed and implemented database schema from scratch. Made software compliant to hospital privacy and availability guidelines. Won third place at AWS Cloud Computing Hackathon 2018.

### FOODHERO | CREATOR, TECH LEAD

Sep 2018 | Singapore

Built a Facebook messenger bot to prevent food wastage after big events like conferences and hackathons, with a website to display type of food available, quantity, and expiry date and time to charities.