

# Harsh Gadodia

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## EDUCATION

### NATIONAL UNIVERSITY OF SINGAPORE

BENG IN COMPUTER ENGINEERING  
 UNIVERSITY SCHOLARS PROGRAMME  
 Expected April 2019

## LINKS

Github:// [harshgadodia](#)  
 LinkedIn:// [harsh-gadodia](#)  
 Facebook:// [harsh.gadodia](#)

## 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 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

## LANGUAGES

Python • Java • JavaScript • Scala  
 Swift • SQL • C • Assembly • Verilog

## EXPERIENCE

### EPIC CREATIONS INC. | SOFTWARE ENGINEERING INTERN

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

- Created interactive quizzes for iOS app, taken millions of times since
- Created interactive featured banners from scratch for iOS app
- Worked on internal tools for content team to upload materials effortlessly onto the platform. Increased efficiency by 30% while reducing upload errors by 20%
- 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
- Converted traditional animations to vector-based animations using open-source libraries (lottie-ios), 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

### 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 practices and style
- Rated 4.7/5 (faculty average 4.2/5), nominated for teaching award

## PROJECTS

### FOODEXCHANGE | FOUNDER, TECH LEAD

Jan 2019 – Present | Singapore

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

### CHOPEGOD | FOUNDER, 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-FOUNDER, 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 | FOUNDER, 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.