

Harsh Gadodia

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

BACHELOR OF COMPUTER ENGINEERING +
 UNIVERSITY SCHOLARS PROGRAMME
 June 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

EXPERIENCE

NINJA VAN | SOFTWARE ENGINEER

June 2019 - Currently | Singapore

- Write code to support the complex logistics operations of Southeast Asia's largest last-mile logistics company, working with over 35,000 shippers and 570 million recipients
- Develop RESTful API to help support the order creation and delivery of over a thousand parcels per minute in Southeast Asia
- Implement logging of webhooks to keep track of and analyse millions of events occurring daily

EPIC CREATIONS INC. | SOFTWARE ENGINEERING INTERN

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

- 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
- Improved workflow for content team by working on internal tools to upload materials effortlessly onto the platform. Reduced time needed 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
- Significantly reduced application bundle size and improved quality of animations by converting traditional animations to vector-based animations using open-source libraries (lottie-ios)
- Improved search functions 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

CS1101S PROGRAMMING METHODOLOGY | TUTOR

July 2018 - Dec 2018 | NUS, Singapore

- Tutored weekly, designed problems sets, and graded students of a rigorous introductory programming class
- Mentored students on best coding practices, taught version control, and advised on internship applications and projects
- Rated 4.7/5 (faculty average 4.2/5), nominated for teaching award

COMMANDO | SINGAPORE ARMED FORCES

February 2013 - Dec 2014 | National Service

- Trained as an elite soldier, meeting rigorous physical standards and proving to have great mental tenacity
- Airborne trained, successfully executed 7 jumps from various aircraft in difficult terrains
- Marched 72km (45 miles) with combat load non-stop as part of a demanding physical endurance exercise