Harsh Gadodia

https://harshgadodia.com
gadodia.harsh@gmail.com | +65 81396940 | Skype: harsh.gadodia

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
- Engineer to support the complex logistics operations of Southeast Asia's largest last-mile logistics company, working with over 35,000 shippers, 570 million recipients, and over 1000 parcels per minute
- Implement the logging of webhooks to document and analyse millions of status update events occurring daily
- Engineer a system to automatically refire requested webhooks, along with rate limiting to prevent abuse
- Create a system to automatically generate webhook compliance reports

EPIC CREATIONS INC. | Software Engineering Intern
Jan 2017 – Dec 2017 | San Francisco Bay Area, CA
- Engineered an 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 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.
- Reduced application bundle size by 15% and improved quality of animations by converting traditional animations to vector-based animations using open-source libraries
- 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 students 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 paratrooper jumps from various aircraft in difficult terrains
- Marched 72km (45 miles) with combat load non-stop as part of a demanding physical endurance exercise