Last Modified: Sep 12 2018

**Harsh** Gadodia

[harsh@u.nus.edu](mailto:harsh@u.nus.edu) | harshgadodia.com | github - harshgadodia

EDUCATION

**NATIONAL UNIVERSITY** **OF SINGAPORE**

Computer Engineering, 2019

*University Scholars Programme*

*(Honors College)*

Boston University Summer

# Programming

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

AWARDS

2018 Overall Winner, Hack&Roll, Singapore’s largest Hackathon

2017 NUS Overseas Colleges Scholarship

2017 Singapore Government Technology Scholarship

2016 Overall Winner,

Facebook Hackathon Southeast Asia

2016 Top 8 in the World,

Facebook World Hackathon Finals

2016 Ngee Ann Kongsi Scholarship

COURSEWORK

Data Structures and Algorithms

Signals and Systems

Digital Fundamentals

Probability and Statistics

Software Engineering

Computer Interfaces

Computer Networks

Operating Systems

Databases

Polycentric Governance

Space, Time, and Matter

Thinking 4.0

# EXPERIENCE

**Epic!** | SOFTWARE ENGINEERING INTERN

January 2017 – December 2017 | The Bay Area, California

* Create interactive in-application banners on the iOS platform to promote new content to users using audio, video, animations, and questions
* Use iOS animation libraries to make animations smoother and use less space to maintain app bundle size
* Create quizzes on iOS, a new category of content for users to test their knowledge, compete with friends, and earn badges
* Work on internal tools for content team to upload materials effortlessly onto the platform while doing checks for mistakes and errors
* Work on back-end to make searching for content easier and smarter and provide smart recommendations when content is not available
* Work on a teacher panel to allow teachers to track their classroom progress and transfer students to each other
* Heavy collaboration with designers, marketing, content, and management

**National University of Singapore** | TUTOR, COMPUTER SCIENCE July 2018 – Currently | Singapore

* Tutor students in CS1101S Programming Methodology weekly for 2 hours
* Grade work, comment on code, and enforce good coding practices

**Singapore Armed Forces** | COMMANDO, COMMANDO HEADQUARTERS February 2013 – December 2014 | Singapore

* National Service (Conscription) Enlistee for 22 months
* Cross-trained, specializing in army weapons and signals
* Airborne-trained and completed a grueling 72-km non-stop march
* Trained in army intelligence and sophisticated software for anti-terrorism simulation

Activities

**Peer Mentorship Programme** | Head, Engineering

2016/2017 | NUS University Scholars Programme, Singapore

* Provide study plans, academic and career advice to peers
* Overall in-charge of a group of 10 mentors

**Cinnamon College** | Resident Assistant + House Captain

2016,2018/2019 | NUS University Scholars Programme, Singapore

* Provide emotional support and counsel residents
* Organize kick-ass events for students and faculty
* Bridge between residential fellows, residents, and students

**The Sessions** | Head

2018/2019 | NUS University Scholars Programme, Singapore

* Run interactive events for students to discuss important societal issues with notable political leaders, CEOs, academics, foreign dignitaries
* Topics include quantum computing, public policy, foreign policy, social work, education, public transport, art, politics