Harsh Gadodia

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE
Computer Engineering, 2019
University Scholars Programme
(Honors College, Liberal Arts Programme)

PROGRAMMING

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

AWARDS

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

2017   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

EXPERIENCE & PROJECTS

Epic! | SOFTWARE ENGINEERING INTERN
1 Year - January 2017 – December 2017 | San Francisco Bay Area, California

- Created quizzes from scratch on iOS. 200 quizzes were taken millions of times by users in the year after being launched
- Created featured banners from scratch on iOS to promote content available on the platform
- Worked on internal tools for content team to upload materials effortlessly onto the platform. Saved content team 30% of their time, while reducing errors in uploading 10%
- Worked on a teacher panel to allow teachers to track their classroom progress and sync with Google Classroom. Used by 5 million teachers and students across America, and in 87% of elementary schools.
- Converted traditional animations to vector-based animations using open-source libraries, 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

Karina | TEAM MEMBER
September 2018 | Singapore

- Built an AI personal assistant from scratch for Singapore's largest IVF center
- Built product completely using cloud services including AWS tools such as Cognito, S3, lambda, SES, SNS, CloudWatch, Lex, VPC and RDS
- Designed and implemented database schema from scratch
- Compliant to hospital privacy and availability guidelines
- Currently undergoing development of product for production solution

Sharktanks | TEAM MEMBER
July - December 2018 | Singapore

- Built a Kickstarter-like crowdfunding website using Node, Express, React, PostgreSQL, and Sequelize
- Wrote complex SQL queries using DDL and DML to be able to query database for various use cases efficiently and effectively

FoodHero | TEAM MEMBER
September 2018 - Currently | Singapore

- Built a Facebook messenger bot to prevent food wastage after big events like conferences and hackathons
- Built a website to display type of food available, quantity, and expiry date and time to charities
- Currently working on partnering with ride-hailing apps like Uber to help distribute food as part of their CSR programs

CS1101S, National University of Singapore | TUTOR
July – December 2018 | Singapore

- Tutored students in Programming Methodology weekly for 2 hours
- Designed problems, wrote test cases, graded work, commented on code, and enforced good coding practices and style
- Conducted office hours for students to clarify doubts and talk about concepts
- Taught a special course on git version control for students
- Received special commendation through anonymous class feedback