

# Namanh Kapur

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## EDUCATION

**RICE UNIVERSITY**  
**BS IN COMPUTER SCIENCE**  
May 2020 | Houston, TX  
GPA: 3.87 / 4.0

## COURSEWORK

### UNDERGRADUATE

Ethics & Accountability in Computer Science  
Operating Systems/Concurrent Programming  
Introduction to Computer Security  
Software Engineering Methodology  
Distributed Program Construction\*\*  
Compiler Construction  
Reasoning About Algorithms  
Advanced Object Oriented Programming\*  
Introduction to Computer Systems  
Fundamentals of Parallel Programming\*  
Introduction to Program Design  
Tools and Models for Data Science\*  
Algorithmic Thinking  
Computational Thinking  
Probability and Statistics

\*Teaching Assistant

\*\*Product Manager

## SKILLS

### PROGRAMMING

Confident

Python • Java • C

Familiar

Matlab • JavaScript • Android

HTML • CSS • LaTeX • SQL • C#

### LANGUAGES

Fluent

English • Hindi • French

Proficient

Portuguese

## AWARDS

### 2019

\$23,300 George R. Brown School of Engineering  
Scholarship for Professional Master's Degree

### 2018

2<sup>nd</sup> Place | MSFT College Coding Competition

### 2017

Alumni Prize | HackRice

### 2016

President's Honor Roll

\$5,000 Entrepreneurs Grant

\$1,000 | 3rd Place | Pitch Competition

## EXPERIENCE

**GUSTO | SOFTWARE ENGINEER INTERN & KP ENGINEERING FELLOW**  
May 2019 – Aug 2019 | San Francisco, CA

**MICROSOFT | SOFTWARE ENGINEER & PROGRAM MANAGER INTERN**  
May 2018 – Aug 2018 | Redmond, WA

- Implemented an end-to-end pipeline for a metrics dashboard with Cosmos DB, Kusto, and PowerBI in primarily C# and presented key metrics to senior leadership
- Worked on the O365 Encryption Feature team in a group of 3 people and collaborated with various program managers and software developers

### PROJECT MODULATE | FOUNDER

July 2016 – Present | Houston, TX

- Won a \$5,000 LILIE New Entrepreneurs Grant to fund a start-up
- Tested the market through targeted questions to understand the needs of the customer to pivot our idea

### SCHLUMBERGER | SOFTWARE ENGINEER INTERN

May 2017 – Aug 2017 | Houston, TX

- Evaluated and debugged the move of an existing algorithm for artificial lift diagnostics embedded in a large application from .NET 4.6.1 to .NET Core 2.0 running on the cloud
- Worked with C#, Visual Studio 2017, VSTS (Source Code Control)

## PROJECTS

### HACKRICE | FRONT-END DEVELOPER

Sept 2017 | Houston, TX

- Developed a website interface called "beats.me" that understands a user's music tastes and visualizes the data through various metrics
- Won the Alumni Prize and worked with the Spotify API, Meteor.JS, React.JS, Chart.JS, and HTML/CSS in a 4-person team

### MLH PRIME SOUTHWEST | VR DEVELOPER

Nov 2016 | Austin, TX

- Developed a VR Simulator to train astronauts on Mars called "MarsVars" - placing top 7 of 65+ teams across Southwest US and Mexico - in primarily Unity, Blender, JavaScript, and HTML/CSS in a 4-person team

### CODERED | APPLICATION DEVELOPER

Oct 2016 | Houston, TX

- Developed an advanced camera based security system that detects and resolves security hazards called "Sawano" in primarily Java and XML, using Google Cloud, IBM Watson, and Imgur APIs, in a 3-person team
- Won 3rd place and \$1,000 as the only freshmen team at the Undergraduate Pitch Competition 2016, along with "Best Use of IBM Watson" at CodeRed

## GROUPS

### KINDA SKETCHY COMEDY GROUP | PERFORMER & WRITER

Sept 2016 – Present | Houston, TX

- Selected as one of 5 new members after auditions and callbacks
- Performed in various shows throughout the year - writing and acting out sketches