

# Namanh Kapur

www.namanhkapur.com | namanh@rice.edu | 832.277.0363

## EDUCATION

### RICE UNIVERSITY

#### BS IN COMPUTER SCIENCE

May 2020 | Houston, TX

GPA: 3.95 / 4.0

### ST. JOHN'S SCHOOL

May 2016 | Houston, TX

SAT: 2290 | ACT: 35

GPA: 96.3 / 100 | Cum Laude

## COURSEWORK

### UNDERGRADUATE

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

Probability and Statistics

\*Teaching Assistant

\*\*Program Manager

## SKILLS

### PROGRAMMING

Confident

Python • Java • C

Familiar

Matlab • JavaScript • Android

HTML • CSS • LaTeX • SQL • C#

Mathematica

### LANGUAGES

Fluent

English • Hindi • French

Proficient

Portuguese

### TECHNICAL

3D Printing • Arduino

Soldering • CAD

## AWARDS

### 2018

2nd Place | MSFT College Coding Competition

### 2017

Alumni Prize | HackRice

### 2016

President's Honor Roll

\$5,000 Entrepreneurs Grant

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

IBM Prize | Sawano | CodeRed

## EXPERIENCE

### 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)

### RICE IT DEPARTMENT | STUDENT COMPUTER CONSULTANT

Sept 2016 – Present | Houston, TX

- Performed data recovery/transfer, virus removal, computer repairs, and both software and hardware troubleshooting

## 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