

Namanh Kapur

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EDUCATION

RICE UNIVERSITY

BS IN COMPUTER SCIENCE

May 2020 | Houston, TX

GPA: 3.91 / 4.0

ST. JOHN'S SCHOOL

May 2016 | Houston, TX

SAT: 2290 | ACT: 35

GPA: 96.3 / 100 | Cum Laude

COURSEWORK

UNDERGRADUATE

Algorithmic Thinking

Fundamentals of Computer Engineering

Computational Thinking

Ordinary Differential Equations

Probability and Statistics

HIGH SCHOOL

Mobile Application Programming

AP Computer Science

Web Design

SKILLS

PROGRAMMING

Confident

Python • Java

Familiar

Matlab • JavaScript • Android

HTML • CSS • LaTeX • SQL • C#

Mathematica

LANGUAGES

Fluent

English • Hindi • French

Proficient

Portuguese

TECHNICAL

3D Printing • Arduino

Soldering • CAD

AWARDS

2016

President's Honor Roll

\$10,000 Entrepreneurs Grant

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

IBM Prize | Sawano | CodeRed

Presidential Service Award Gold

2015

AP Scholar With Distinction

National Merit Commended

2014

Paris Debate Champion

EXPERIENCE

PROJECT MODULATE | Co-FOUNDER

July 2016 – Present | Houston, TX

- Won a \$10,000 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

PENNAPPS | HARDWARE HACKER

Jan 2017 | Philadelphia, PA

- Developed a Raspberry Pi device called "defBeats" that converts audio into LED equalizers and synchronized vibrations, redefining the way deaf people can experience music, with Python, Flask, 3D modeling, and circuitry 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

RESEARCH

BAYLOR COLLEGE OF MEDICINE | NEUROSCIENCE RESEARCHER

Jun 2015 – Aug 2015 | Houston, TX

- Reaffirmed past measures of the sympathetic nervous system and response, while also investigating the effect of pupillometry on craving
- Coded parts of the experiment in MATLAB and connected all hardware and software components

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