Namanh Kapur

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EDUCATION

RICE UNIVERSITY
BS in Computer Science
May 2020 | Houston, TX
GPA: 3.87 / 4.0

ST. JOHN'S SCHOOL
May 2016 | Houston, TX
SAT: 2290 | ACT: 35
GPA: 96.3 / 100 | Cum Laude

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*
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

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

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