

Ishan Kamat

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EDUCATION

Rice University - Houston, TX

Graduating May 2023

- **Bachelor of Science Computer Science**
- **Minors** Financial Computation and Modeling, Entrepreneurship

Overall GPA 4.0/4.0

EXPERIENCE

ServiceNow - Software Engineering Intern - Remote

05/2021 - Present

- Working alongside full-time engineers on the ITSM Digital Portfolio Management team
- Contributing to Java/JS codebase to implement client-facing tools and features for enterprise market
- Collaborating with team members to accomplish product-scale development achievements
- Completing assigned responsibilities under direction and guidance of project manager

IBM - Data Science Intern - Remote

06/2020 - 08/2020

- Built comprehensive models to quantify trends in large datasets (~4 million entries) using Watson API
- Developed sentiment analysis/NLP routines with Python/NLTK to process user-generated content
- Worked under supervision and mentorship of senior engineering team members
- Summarized findings in cumulative presentation and data-centric final report

The University of Texas at Austin - Web Developer - Austin, TX

01/2020 - 08/2020

- Developed tools to automate WordPress backend maintenance tasks
- Created web apps for institutional research projects with jQuery, Vue.js, React, and HTML/CSS
- Worked within fixed deadlines and accomplished responsibilities ahead of schedule
- Authored and deployed live production codebases to run on University infrastructure

St. John's School Community Service Office - App Developer - Houston, TX

05/2018 - 04/2019

- Designed and created app for iOS and Android to promote student engagement in community service
- Engineered and maintained central SQL database operating on AWS backend

PROJECTS

SnackStocker - Team Leader, Computer Vision Specialist

- Organized and led a team to develop a system to track snack availability throughout an office space
- Wrote IoT application using Python/OpenCV to detect/recognize multiple types of snacks from a video feed
- Created mobile app using React Native to interface with Firebase backend and show snack stocks
- Won Top 8 in ServiceNow Hackathon along with generous prize

AliasBot - Lead Developer

- Actively developing and improving open-source automated bot for Telegram messaging service using Python
- Implemented a database for users to associate unique keywords with custom messages/links
- Currently servicing 650+ chat groups with 5,000+ total users

ACTIVITIES

Rice Honor Council - College Representative

02/2021 - Present

Rice Effective Altruism - Fellow

09/2020 - Present

Rice CS Club - Member

08/2020 - Present

HONORS & AWARDS

- President's Honor Roll
- ServiceNow Hackathon Top 8
- Engineering Excellence Award
- Cum Laude Society
- Eagle Scout

SKILLS

Languages Python, C, Java, JS/jQuery, Dart, Kotlin, HTML/CSS

Frameworks Flask, Vue.js, React, Flutter, OpenCV, NLTK, NumPy

Databases SQL, Peewee, MariaDB, KeyStore

Platforms Linux, Android, Windows, iOS

COURSEWORK

- Reasoning about Algorithms
- Program Design
- Computer Engineering
- Computational Thinking
- Quantitative Financial Analytics