

Ishan Kamat

(281) 949-8189 | ishan@rice.edu | 6425 Brompton Rd, Houston TX 77005

EDUCATION

Rice University - *Houston, TX* Graduating May 2023
Overall GPA 4.00/4.00
Bachelor of Science, Computer Science
Relevant Courses: Computational Thinking; Algorithmic Thinking; Linear Algebra; Differential Equations; Multivariable Calculus; Probability/Statistics; Fundamentals of Computer Engineering

SKILLS

Programming: Experienced with Python; Knowledgeable about C, C#, Java, Dart/Flutter, JS/jQuery
User Interface (UI/UX): Knowledgeable about Vue.js, React, HTML/CSS
Database: Experienced with SQLite, Python/peewee
Backend: Experienced with Python/Flask; Knowledgeable about PHP/WordPress
Environment: Experienced with GNU/Linux (Bash); Knowledgeable about Windows (.NET)

WORK EXPERIENCE

IBM (Watson Team) - Data Science Intern - *Remote* 06/2020 - 08/2020

- Built comprehensive models to quantify trends in large datasets (~4 million entries)
- 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
- Collaborated with web development team to achieve UI/UX goals
- 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 community service activities
- Engineered and maintained central SQL database operating on AWS backend

Fannin Innovation Studio - Research Intern - *Houston, TX* 06/2018 - 08/2018

- Measured performance of prototype medical devices using computer vision procedures in Python
- Implemented machine learning algorithms to interpret lab equipment data logs

RELEVANT PROJECTS

AliasBot (Personal) - Lead Developer 03/2017 - Present

- Actively developing and improving automated bot for Telegram messaging service using Python
- Enables users to save notes/links which can be recalled through custom keyword commands
- Currently servicing 650+ chat groups with 5,000+ users total

FitBoard (HackRice) - Team Member, Lead App Developer 09/2020

- Collaborated with 3 students to develop an Android application in a competition environment
- Intended to motivate users to pursue healthy lifestyles through community leaderboard standings
- Wrote app codebase in Dart with Flutter SDK and committed contributions to Git repository

ACTIVITIES

Rice Honor Council - College Representative 02/2021 - Present
Rice Effective Altruism - Fellowship Member 09/2020 - Present
HackRice - Competitor 09/2020

VOLUNTEER EXPERIENCE

Nature Discovery Center - Eagle Scout Service Project - *Bellaire, TX* 08/2017 - 04/2018

- Designed and organized construction of children's playground equipment
- Sourced donations through self-organized online fundraising campaign

M.D. Anderson Cancer Center - Student Volunteer - *Houston, TX* 06/2017 - 07/2017

- Assisted patients and visitors with navigation through hospital complex

SELECTED HONORS

President's Honor Roll (Fall 2020); Engineering Excellence Award (05/2019); Eagle Scout (11/2018)