SAI KRISHNA YESHALA

CONTACT

Website: ysaikrish.github.io

Email: saikrishna@vt.edu

SKILLS

Most Comfortable:

Java | C/C++ | JavaScript | Python3

Fairly Comfortable:

C# | PHP | HTML | CSS

Other Technologies:

Unity | Azure | MySQL | React | .NET | LaTeX

ACTIVITIES

Programming Team:
Focuses on employing data structures to solve challenging programming problems.

Machine Learning / AI club:
Focuses on learning the applications of machine learning algorithms.

AWARDS

- **UTC Aerospace Systems Scholarship 2020-21**, College of Engineering, Virginia Tech
- **Microsoft Azure Mini Hackathon 2019,** Honorable mention
- **Best Use of Google Cloud Winner**, VT Hacks 7
- **Level 6 Piano**, Trinity College of London

EDUCATION

Virginia Tech, Blacksburg, VA
Bachelor of Science in **Computer Science**, minor in **Mathematics**
Pursuing an **Honors Laurate Diploma**, expected graduation : May 2022
GPA : **3.73**

WORK EXPERIENCE

Department of Computer Science, Virginia Tech - Spring 2020
Undergraduate Teaching Assistant
- Assisted two sections of students in 'Computer Organization I' course with course projects and Assignments.
- Voiced the need of discussion forums for the class and volunteered to proctor for students with special circumstances.

Department of Mathematics, Virginia Tech - Spring 2020
Grader
- Assisted two sections of students in 'Multi Variable Calculus' course, graded their assignments and helped develop grading rubrics.

VT Honors Studio and Boeing - Spring 2020
Studio Project Lead
- Led an interdisciplinary team of four in developing a **Systems Learning** approach for employing AI driven machines on smart factory floors in collaboration with **Boeing**.
- Focused on **Human-Machine Learning** and considered a pilot scenario involving a robot performing pick and place tasks, an airplane fuselage drilling worker, and a smart factory setting.

PROJECTS

Hack Duke – Fall 2019
Group Project
- Developed a react application in a group of four during a hackathon at Duke University. Implemented the front end of the application.
- The app aims to aid military instructors in grading and maintaining performance records of cadets.

VT Hacks 7- Spring 2020
Group Project, ***Winner for Best Google Cloud Hack***
- Performed Image analysis using OpenCV to recognize the available spots in a parking lot, and developed an Alexa skill for the users to navigate to the closest available spot to a building using their voice.

Web Services and VR game development- Summer 2020
Personal Projects
- Created a Virtual Reality version of Towers of Hanoi game using Unity engine.
- Developed a webservice to facilitate the management of content on various social media platforms using a single form in .NET framework.