

Sai Krishna Yeshala

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Virginia Tech

Blacksburg, Virginia 24060

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**

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.

Department of Mathematics, Virginia Tech

Spring 2020

Grader

Assisted two sections of students in Multi Variable Calculus course and graded their assignments.

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, focusing on **Human-Machine Learning**, in collaboration with **Boeing**. A pilot scenario involving a robot performing pick and place tasks, an airplane fuselage drilling worker, and a smart factory setting was considered.

PROJECTS

Hack Duke

Fall 2019

Group Project

Built a react application in a group of four during a hackathon at Duke University that 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

Developed a webservice to facilitate the management of content on various social media platforms from a single form, and created a Virtual Reality version of Towers of Hanoi game using Unity engine.

SKILLS

Most Proficient:	C/C++	Java	JavaScript	Python3
Fairly Proficient:	C#	PHP	HTML	CSS
Other Technologies:	Unity	Azure	MySQL	React

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 2021, College of Engineering, Virginia Tech

Microsoft Azure Mini Hackathon, Honorable mention

Fall 2019