

# KRISHAN S. PATEL

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## **OBJECTIVE:**

Freshman at Georgia Institute of Technology seeking internship opportunities in computer science for Spring 2021. Interested in working on integrating devices into objects that interact with the world with human-like intelligence. Seeking to gain a better understanding of working on projects implementing artificial intelligence and to develop interpersonal skills.

## **EDUCATION:**

**Georgia Institute of Technology**, Atlanta, GA | Class of 2023

- *B.S. Computer Science*
- Threads: Devices and Intelligence

**Academies of Loudoun, Academy of Engineering and Technology (AET)**, Leesburg, VA | Class of 2020

**Briar Woods High School**, Brambleton, VA | Class of 2020 | Advanced Studies Diploma

- GPA: 4.71/4.0 - *Salutatorian*

**Relevant Coursework:** Introduction to Object-Oriented Programming; Linear Algebra; AP Computer Science A; AP Calculus BC

## **SKILLS:**

- **Programming Languages:** Java, Python, HTML, CSS, JavaScript
- **Certifications:** CTECS Workplace Readiness Skills Assessment; W!SE Certification for Financial Literacy (CFL)
- Detail-oriented, organized, collaborative, and creative

## **PROJECTS:**

**Machine Learning for Investing**

*July 2020 - Present*

- Created a Long Short-Term Memory (LSTM) neural network in order to predict future stock prices using a YouTube video.
- Working toward improving the neural network to produce more reliable results.

**Stock Charts**

*March 2020 - Present*

- Created a simple website with HTML, JS, and CSS using a Bootstrap framework to open multiple stock charts from Yahoo Finance after inputting a list of stock ticker symbols.
- Working toward launching windows with stock symbols without hardcoding.

**Academies of Loudoun Hack-a-thon, Outreach Coordinator**

*October 2018 - May 2019*

- Helped to organize the first hack-a-thon at the Academies of Loudoun.
- Led the effort to reach out to companies to sponsor the event and spread the word to all schools in the county.
- Contributed to the effort of creating the website for the event: [academieshacks.com](https://academieshacks.com).
- Over 1,000 people attended the event.

**Compost Bin for the George C. Marshall House, Project Lead**

*November 2017 - August 2018*

- Created and installed a replica of a compost bin of the one that was originally on the grounds at the George C. Marshall International Center (for Eagle Scout Project for Boy Scouts).
- Led, coordinated, planned, and budgeted for the entire project, preparing for everything.

## **VOLUNTEER EXPERIENCE:**

**Loudoun Youth Claude Moore Community Builders (CMCB)**

*June 2019 - March 2020*

- Volunteered at various non-profit organizations and community events, main placements being at Loudoun Cares and the local YMCA.
- Volunteered for more than 100 hours over six months and received the President's Volunteer Service Award.