

ABHAY SASTRY

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Objective

Motivated and diligent student seeking an internship in Computer Science. Will leverage my experience in learning computing principles and developing projects to help progress the project's goals and the company's overall mission.

Education

Georgia Institute of Technology, Atlanta

- Computer Science, Bachelor of Science
- Systems/Arch and Intelligence threads
- June 2020 - May 2024
- GPA: 3.41

Alpharetta High School, Alpharetta GA

- August 2016 - May 2020
- GPA: 4.0

Skills

- Programming Languages: JAVA, Python, Javascript
- Proficiencies: Microsoft Excel, Powerpoint, and Word.
- Public Speaking
- Communication/Writing
- Four fluently spoken languages (English, Hindu, Telugu, Kannada)

Experience

Education Intern, YMCA of Metro Atlanta

- Spearheaded the development of the YMCA's YJSS (Y. Junior STEM Specialists) Program
- Travelled to schools across Metro Atlanta, teaching science concepts to young children
- Created lesson plans and handled communication with school administration officials.

Personal Projects

Street-Crime Database and Visualization tool

- Developed a website to visualize, map, and analyze street crime patterns in all the neighborhoods of Atlanta, GA
- Extracted information from multiple public databases and
- Created in 24 hours during Hack GTeen

Research in crowdsourcing Covid-19 data

- Developed a crowdsourced Covid simulation to research public reactions to policies intended to curb the spread of the virus
- Implemented Data-analysis algorithms alongside Principal Investigator and other researchers

Under-review research paper in the Young Scientists Journal

- Co-authored a literature review in the YSJ discussing the effects of carbon sequestration on greenhouse gas emissions
- Examined the cost-efficiency of different methods of tackling climate change

Bird Strikes Database Creation

- Created a database of bird-strike and death data for the Kendeda Fund at Georgia Tech
- Data is currently being used to track and retrofit buildings to prevent bird death
- Allowed for efficient allocation of grant money

Extracurriculars

- Future Business Leaders of America - Vice President
 - ❖ Competed in regional, state, and national level competitions in business, finance, and technology related events; lead group in organizing and executing meetings; served as point of contact for 350+ members. (Continued on next page)

- Science National Honor Society - Vice President
 - ❖ Organized annual Alpharetta High School Science Night, which is attended by hundreds of people from the community; directed the society's tutoring efforts and tutored students in Science subjects
- Science Olympiad - Captain
 - ❖ Created team schedules that improved competition performance dramatically; served as liaison to tournament-officials during competitions

Awards

- Business Achievement Award
 - ❖ National award dedicated to advancement in business and community service
- Fulton County Career and Technical Education State Award
 - ❖ Recognizing first-place finish in Banking & Financial Systems in the State of GA