

Sumedh Surya Garimella

Interested in a summer internship with software engineering or AI/ML research, US Citizen

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<https://goo.gl/GMRT1J>

EDUCATION

Georgia Institute of Technology, Atlanta, GA

August 2018 -

- 1st-year Computer Science major (3.63 GPA)
- Part of GT Grand Challenges 2018-19 Cohort
- Spring 2019 Relevant Coursework: Data Structures and Algorithms, Discrete Math
- Faculty Honors, Fall 2018
- Catapult 2019 participant: developed startup idea
- VIP Research Team: Smart City Infrastructure
 - Working on the backend for an algorithm to better define road curves.

Peachtree Ridge High School, Suwanee, GA

- 3.95-4. unweighted GPA
- AP Computer Science - 5
- AP Research project: worked on TensorFlow neural network to read speed limit signs

WORK EXPERIENCE

Peer Note-Taker for Georgia Tech Office of Disability Services, Atlanta, GA

August 2018 - December 2018

- Taking notes in PHYS 2212 on behalf of students with hearing disabilities or other disabilities that might otherwise hinder them from effectively understanding the course

IT Innovation Intern at ZF North America, Gainesville, GA

June 2017 - July 2017

- Worked on recently unveiled IT Innovation Van (supporting systems for driverless delivery vehicles), specifically with Python and Ubuntu terminal script

SKILLS

Programming Languages: Java (3+ years of experience), Python (somewhat experienced), C++ (some experience), HTML/CSS/JS w/Bootstrap (hackathon experience), Flask

Technical: Web Development (Wix, Weebly), video production

Musical: Piano, EDM production

EXTRACURRICULARS/LEADERSHIP

Co-lead programmer of PRHS Robo Lions (2017-18): Coordinated FRC Java programming and training with professional mentors and fellow students, experience in implementing angle and distance-based PID loops and devising autonomous paths for FRC competition (access to code available upon request).

Vice President of PRHS FBLA chapter (2015-18): created and ran chapter website, coordinated conference/competition registration and member progress/engagement

Member of Georgia Tech Quiz Bowl (2018-), RoboCup (2018-), and Big Data Club (2019-present)

SLS (Serve Learn Sustain) Community Health Ambassador (Fall 2018): Partnered with AgLanta, Atlanta's urban agriculture initiative, to produce a podcast and a Twine game on food literacy and the foodways of the Civil Rights Movement.

ACCOLADES

2014 Scripps National Spelling Bee Semifinalist

2017 Georgia Certificate of Merit (top 5% of HS's graduating class)

2016 AP Scholar with Distinction (5+ APs passed)

2017 National AP Scholar (8+ APs passed with an average score of 4)

2018 National Merit Scholarship Recipient (State Farm)

Microsoft Professional Certification in Word 2013 (2015)

FBLA Business Achievement Awards, Future Level (2016)

2018 Peachtree Ridge High School CTE Student of the Year

2018 AP Capstone Diploma recipient (passed AP Seminar and AP Research exams)

HackGT 2018: Best Transportation Related Hack (Lyft) winner

PROJECTS

FRC team 1261: With assistance from ViaSat engineers, developed modular autonomous methods for moving a certain amount of meters or turning a defined amount of degrees based on PID input.

2018 HackGT: Worked on an application to suggest places to visit based on weather, traffic, and user preferences (worked on app layout/functionality in Android Studio/Java, some JSON)

