

Anish Moorthy

Atlanta, GA, 30332 • 860-356-6200 • amoorthy8@gatech.edu

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, Atlanta, Georgia

- Candidate for Bachelor of Science in Computer Science Expected Graduation: May 2020
- Expected Threads: Intelligence & Modeling and Simulation
- Honors: Semifinalist for 2016 Georgia Tech Presidential Scholarship

Avon High School, Avon, Connecticut

August 2012 - June 2016

- GPA: 4.69 / 5.33

LEADERSHIP EXPERIENCE

“The UberBots”, Team 1124, Avon, Connecticut

August 2012 - June 2016

A competitive robotics team which participates annually in the FIRST Robotics Competition

- President May 2015 - June 2016
 - Managed and co-ordinated all subteams (e.g. Coding Team, Fundraising Team)
 - Organized numerous community events at locations such as Barnes & Noble and Avon Public Library
 - Contacted potential sponsors to secure sponsorships
 - Led team to one Innovation in Control and two Excellence in Engineering awards
- Treasurer May 2014 - May 2015
 - Helped manage the team budget through itemizing the ledger, projecting costs for the next year, etc.
 - Submitted applications for and secured various grants from organizations such as NASA
- Head Electrician May 2013 - June 2016
 - Wired and maintained all electrical components on the robots
 - Gained competency in troubleshooting electrical systems and designing basic circuits
 - Trained other students in practical electronics and circuitry

Personal Projects

- Playlist Splitter August 2015 - September 2015
 - Wrote Python script to automatically detect FRC match ID's of videos in a given playlist and submit that information to The Blue Alliance
- SmartGL Graphics Engine Ongoing since August 2016
 - Currently developing a set of abstractions for the OpenGL graphics library to automatically manage graphics memory using C++
 - Planning to create robust engine which can be used to develop video games

SKILLS and ACTIVITIES

Computer: C++, Python, Java, Linux, Autodesk Inventor

Languages: English (fluent), French (proficient), Tamil (conversational)

Interests: Embedded Systems Programming using Arduinos, Control Systems Theory, Computer Graphics using OpenGL, Machine Learning

Awards:

The Rensselaer Medal	2016
Avon High School French Award	2016
National Chemistry Olympiad High Honors	2015
Cornell Book Award	2015