

Aryan Gupta

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OBJECTIVE:

To be selected for a senior design team where my knowledge and experience as a Computer Engineer can be utilized as well as enhanced.

EDUCATION:

University of North Carolina 2016 – Present
BS in Computer Engineering with Minor in Software Systems and Mathematics
GPA: 3.53

Ardrey Kell High School 2013 – 2016
GPA Weighted: 4.625 Unweighted: 3.5313
Class Rank: 96 of 670

Providence Senior High School 2012 – 2013
GPA Weighted: NA Unweighted: NA
Class Rank: NA

WORK EXPERIENCE:

Mosaic Computing / Personal Computer Support
Time Commitment: 17.5 – 20 hours per week
Lead Technical Assistant (Lead TA) Apr. 2018 – Present

- Managed other TAs in work environment
- Conducted interviews for potential TAs

Hardware Technical Assistant Internship Summer 2019

- Assisted in managing servers used by Engineering College
- Troubleshoot machines for hardware issues
- Assisted other departments in issues

Technical Assistant (TA) Aug. 2016 – Present

- Managed Mosaic computing environment and associated computers
- Assisted engineering students and faculty with computer issues
- Managed redundant servers for software management and deployment

Best Brains Tutoring
Time Commitment: 4 – 8 hours per week
Grader 2015 – 2016

- Graded work completed by students

PROJECTS, RESEARCH, AND CREATIVE ENDEAVORS:

Summer 2018 Project: Independently designed and implemented an Arduino-based quadcopter.

Junior Design: (Summer 2019) Worked with a team to design and fabricate a DC to AC inverter.

HomeLab: (Summer 2015-Present) Independently implemented a home lab with Linux and Window servers.

Programming Languages: C++, Powershell, Java, C

Github: <https://github.com/aryan-gupta>

ACTIVITIES AND LEADERSHIP:

Windows Insider, Microsoft	2015 – Present
➤ Beta tested Windows 10, Windows Server 2016 and Office 2016 in a virtual machine and as a primary OS	
Boy Scout, Boy Scout of America	2008 – 2017, 2019 – Present
➤ Assistant Scout Master, Dec. 2019 – Present	
➤ Senior Patrol Leader, 2015	
➤ Junior Assistant Scoutmaster, 2017	
➤ Philmont Trek Leader, 2014	
➤ Assistant Patrol Leader (Warlord Patrol), 2013 – 2014	
➤ Assistant Patrol Leader (Pedro Patrol), 2016	
➤ Quartermaster, 2012 – 2014	
Technology Student Association (TSA)	2014 – 2016
➤ Member, 2014 - 2016	
➤ TSA Officer (Webmaster), 2015	
Orchestra	2004 – 2016
➤ Orchestra, 2004 – 2012	
➤ Symphonic Orchestra, 2013 – 2015	
➤ Chamber Orchestra, 2015 – 2016	
Chorus	2003 – 2014, 2016
➤ Chorus, 2003 – 2012	
➤ Concert Chorus, 2012 – 2014	
➤ Men's Chamber, 2016	
National Honor Society	2015 – 2016
National Science Honor Society	2015 – 2016
National Technical Honor Society	2016
National Society of High School Scholars	2014 – 2016

HONORS AND AWARDS:

Emergency Management Instructional Training, 2013

- Completed the Emergency Management Instructional Training offered by FEMA

NJROTC (Marine Corps Navy Junior Reserve Officers Training Corps)

- Cadet Private First Class Rank, 2012
- Cadet Lance Corporal Rank, 2012
- Cadet Corporal Rank, 2013

YLT Top Gun, 2013

- Completed the week-long National Youth Leadership Training offered by Boy Scouts of America.

Technology Student Association (TSA) Competitions

- Regionals 3rd Place in 3D CAD, 2015
- Regionals 1st Place in Biotechnology, 2016
- Regionals 1st Place in Webmasters, 2016
- Regionals 2nd Place in 3D CAD, 2016
- States 1st Place in Webmasters, 2016
- States 3rd Place in Biotechnology, 2016
- States 3rd Place in 3D CAD, 2016
- Nationals 5th Place in Biotechnology, 2016
- Nationals 5th Place in Webmasters, 2016

TSA Webmasters, 2015

- Created and maintained the TSA Website

Owner of The Gupta Empire

- Maintains personal server under theguptaempire.net domain

Boy Scouts of America

- Firem'n Chit, 2014
- Totin' Chip, 2014
- Merit Badges
 - Search and Rescue, 2012
 - Personal Fitness, 2013
 - Indian Lore, 2013
 - Wilderness Survival, 2013
 - Swimming, 2013
 - Insect Study, 2013
 - First Aid, 2013
 - Camping, 2013
 - Lifesaving, 2014
 - Citizenship in the Nation, 2014
 - Citizenship in the World, 2014
 - Finger Printing, 2014
 - Orienteering, 2014
 - Archery, 2014
 - Weather, 2014
 - Digital Technology, 2015
 - Rifle Shooting, 2015
 - Environmental Science, 2015
 - Engineering, 2015
 - Electronics, 2016
 - Personal Management, 2016
 - Cooking, 2016
 - Citizenship in the Community, 2016
 - Communication, 2016

- Family Life, 2016
- Ranks
 - Scout Rank, 2011
 - Tenderfoot Rank, 2012
 - Second Class Rank, 2013
 - First Class Rank, 2014
 - Star Scout Rank, 2014
 - Life Scout Rank, 2015
 - Eagle Scout Rank, 2016
- Order of the Arrow
 - Ordeal Member, 2014
 - Brotherhood Member, 2015

VOLUNTEER EXPERIENCE:

Second Harvest Food Bank (Feeding America)	2015
➤ Sorted food and other donated goods in to boxes	
➤ Time: 2 hours each day for 2 weekends	
Scouting for Food (Boy Scouts of America)	2012 – 2016
➤ Distributed food donation bags then collected them a week later	
➤ Time: 5 hours for 2 days each year	
Adopt-A-Stream Cleanup (Boy Scouts of America)	2012 – 2016
➤ cleaning up a local stream our troop has adopted	
➤ Time: 4 hours one weekend each year	
Luminaries/Love Lights (Pilot Club of Charlotte)	2010 – 2015
➤ Placed bags with names of people whose life has been impacted by Alzheimer's around a pond	
➤ Time: 6 hours one weekend each year	
Church Clean-up (Living Savior Lutheran Church)	2010 – 2016
➤ Cleaned up and mulched the grounds around our local church	
➤ Time: 4 hours one weekend each year	
Loaves and Fishes	2013
➤ Sorted donated food in to boxes	
➤ Time: 4 hours on a weekend	
Toys for Tots (Marine Toys for Tots Foundation)	2013
➤ Sorted donated toys in to boxes for children	
➤ Time: 5 hours for 2 days	
Eagle Project (Boy Scouts of America)	2015
➤ constructing and painting wooden benches for our school tennis team	
➤ Time: 5 hours for 5 weeks	