Fadhil Lawal
25411 Overbrook Terrace Lane
Katy, TX 77494
fadhillawal06@gmail.com

EDUCATION:	Seven Lakes High School, Katy, TX *National Merit Semifinalist	

LEADERSHIP

Seven Lakes Class Officer Team	**President, Senior Class** ● Student-elected class officer position. ● Collaborate with four class officers to plan, organize, and run school sponsored activities for 851+ students.	Grade 12
Seven Lakes Speech & Debate	**President** ● Organize & facilitate team-wide activities, tournament signups, practices, and middle school development efforts. Run tournament with 700+ competitors. **Varsity Congressional Debate Captain** ● Organize and lead weekly practices for both the varsity and the novice squad. ● Plan in-class activities and socials with other captains. ● Volunteer at local junior highs teaching speech and debate to students. ● Collaborate with 16 club leaders to run logistics, security, data tracking for tournament with 700+ competitors. **Member** ● Gained state points through victories to qualify for state-wide competition and participated in national competitions.	Grade 12 Grade 11 Grades 10, 9
Muslim Students Association	**Treasurer** ● Organize weekly prayers and occasional lectures by guest speakers. ● Management of club funds, outings and fundraising activities. **Member** ● Participate in weekly Friday prayers and Islamic volunteering opportunities.	Grade 11 Grades 10, 9
Mosque Youth Steering Committee	**Digital Coordinator** ● Tasked with designing flyers, video production, online game organization, and technological coordination during in-person events for youth programs for the Nigerian Muslim community. ● Helped raise $4,000 dollars for Muslim Youth Convention Program consisting of career panels & sport competitions with 250+ attendees.	Grades 12,11,10,9

ENGINEERING, COMPUTER SCIENCE & TECHNOLOGY

Infinity Phone Repair, Houston, TX	**Device Repair Technician (PAID Summer 2022), Intern (Summer 2021)** ● Hands-on training at a device repair shop, regarding how to fix mobile devices as well as laptops, computers, and handheld gadgets. Gained experience in customer-relations and conflict resolution.	Summer 2021, 2022 and Breaks
Genius Terminal	**Co-Founder** ● Developed free 8-week curriculum with Mumineen Relief to teach 24 teens in Houston Nigerian Muslim community C++ and Arduino project creation. ● Modeled after UT Austin Computer Science Academy For All.	Summer 2023
iCode Computer Training School,	**Teacher (PAID)**	Grades 12,11

Katy, TX	- Teach students how to develop and debug their own computer programs using different programming languages and libraries. - Teach important algorithms, concepts, and principles along with the fundamentals of robotics. - Assess, record, and report on the academic progress and development of students.	
Cyber Wise Seniors	**Co-Founder** - Initiative to help increase cyber threat awareness in senior homes. - Deliver lectures and interactive discussions to 125+ elders to combat digital exploitation and enhance their cyber security. - Collaborate with co-founder to develop slide deck and cold-call 20+ senior homes to enhance outreach.	Grades 12,11
Technology Students Association	Prepared and helped others to prepare for the regional and state tournaments.	Grades 12,11,10
Computer Science Club	Participate in weekly meetings and discussions relating to fascinating computer science tools and concepts.	Grades 12,11,10

COMPUTER SCIENCE RESEARCH INTERNSHIP

University of Houston Real Time Systems (RTS) Lab	**Research Intern** - Built routing policy that considers individual vehicle deadlines and compared it against Dijkstra's in Simulation of Urban MObility (SUMO) using TraCI real-time decision making. - Developed Convolutional Neural Network trained on the CIFAR-10 data set to identify images with 85%+ accuracy. - Real Time Systems Research program/lab ranked 35th in the nation, 69th in the world.	Summer 2023

COMPUTER SCIENCE/ENGINEERING COURSES

Device & Programing Language Specialty	- Raspberry Pi microprocessor & Arduino microcontroller. - Python, Java Script, Java, HTML, CSS. - Experimenting with APIs and creating programs with real world applications.	Grades 12,11,10,9
UT Austin Computer Science Academy For All	- Developed an interactive AI tic-tac-toe game with Arduino microcontroller, LEDs, and other electronic components. - Studied C++, Natural Language Processing, and attended interactive entrepreneurial and career sessions.	Summer 2023
IBM Qubit by Qubit Introduction to Quantum Computing Course	- Studied quantum computation, measurement, algorithms, and mechanics in course taught by IBM developers. - Developed research paper on quantum cryptography utilizing lessons learned throughout the course.	Grade 10
Big Data at Berkeley Participant	- Improved upon understanding of Python and explored various statistical concepts. - Learned data visualization, classification, types of simulations, and A/B testing.	Grade 9

COMMUNITY SERVICE

Speech & Debate Tutoring Organizer	• Coordinating with fellow varsity members to mentor novice debaters in both middle school and high school. Hands on management and judging of debate rounds if necessary.	Grades 12,11,10
Mumineen Relief IT Assistant	• Handling of the Mumineen relief website as well as volunteering at the various opportunities provided to help those in need.	Grades 12,11,10
OTHER SUMMER ACTIVITIES		
Speech & Debate Camp Ascend	• Two-week speech and debate camp with several national champions and accomplished debaters across the country in New York.	Summer 2022
Deloitte Team Tech Challenge	• Collaborate with 5 members to develop and present slide deck surveying potential of drone tech to optimize medication delivery channels in rural areas with problem-solving strategies taught by industry professionals.	Summer 2022
Tuff Questions	• Co-Founded, online Youth Muslim Summer Program (25 attendees) to spur discussion on controversial issues (women's rights, LGBTQ community). Invited expert speakers to present.	Summer 2019
FOREIGN LANGUAGES SPOKEN		
Yoruba (Nigeria), Arabic, Spanish		