Suha Hussain

PERSONAL WEBSITE sshussain.me   **GITHUB** https://github.com/suhacker1   **EMAIL** suhashussain1@gmail.com

Education	**Queens High School for the Sciences**	September 2015 - June 2019
	HIGH SCHOOL DIPLOMA	

All honors or AP courses. Honor Roll. Approximate Average: 98.

	Google igniteCS Bootcamp at Columbia University	October 2017 - March 2018
	MATHEMATICAL MODELING CERTIFICATE	

-Learning to make use of Python for data analysis and mathematical modeling

Experience	**Engineering Research Intern**	June 2017 - Present
	NYU CENTER FOR CYBERSECURITY	

-Developed a new method for the exploitation of speech recognition systems
-Developing a machine learning classifier for COPPA compliance using hardware counters

	Hardware Engineering Intern	June 2016 - August 2016
	VENGO LABS	

-Assisted in rapid prototyping for product development, notably building a conveyor belt.
-Developed and documented various technical procedures and tools while troubleshooting issues

Involvement	**Founder and Captain**	November 2016 - Present
	QHSS ROBOTICS	

-Manage logistics, operations, recruiting, training, fundraising, and technical development for the team

	Founder and Captain	October 2017 - Present
	QHSS TEAM CYBER & THE DA VINCI EXPERIMENT	

-Trained members for competitions and facilitated the development of computer engineering skills

	Chief Engineering and Technology Officer	October 2015 - Present
	QHSS STEMINISM	

-Enabled 400% growth and designed the operational infrastructure for training members in STEM skills

	Chief Senior Trainer (formerly: Junior Trainer)	June 2017 - Present
	MATH RESEARCH	

-Manage the development of research projects and ensure deadlines are met

	Designer	November 2017 - Present
	QHSS URBAN SKETCHERS	

-Developing and discussing various forms of artistic expression

Recognition	Intel International Science and Engineering Fair Second Award in Systems Software (ISEF) May 2018
	Shanghai STEM Cloud Award (ISEF) May 2018
	National Security Agency Research Directorate Second "Science Security" Award (ISEF) May 2018
	GoDaddy Data Award (ISEF) May 2018
	Association for Computing Machinery Fourth Award (ISEF) May 2018
	New York City Science and Engineering Fair First Award in Computer Science (NYCSEF) March 2018
	Sarah and Morris Wiesenthal Award (NYCSEF) March 2018
	Naval Science Award (NYCSEF) March 2018
	York College STEM Expo First Award for Sophomore Research June 2017
	NCWIT Aspirations in Computing: NYC Affiliate Award March 2017
	York College STEM Expo First Award for Physics June 2016

Skills	Languages: C/C++, Python, Assembly, Matlab/Octave, Verilog, BASH
	Tools: TensorFlow, Keras, Sci-kit Learn, Android NDK, Arduino, ModelSim, AutoCAD, CATIA, Eagle PCB