**Saivardhan Mada**

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**Phone: 703.585.5446 | Address: Chantilly, VA 20152 | US Citizen**

## **Education**

**Georgia Institute of Technology** December 2020

* Honors Program, Major: Computer Science
* GPA: 3.73

**Thomas Jefferson High School for Science and Technology** June 2017

* Governor’s Regional School; Advanced Studies Diploma (2017)
* GPA: 4.23/4.0; National AP Scholar

**Achievements:** District and Regional Winner for Extemporaneous Speaking for Forensics Debate, Attained Silver Status in USA Computing Olympiad, and Qualified for American Invitational Mathematical Exam

**Technical Skills**

* **Proficient:** Python, Java, R, & Bootstrap
* **Knowledgeable:** HTML5, CSS, JavaScript, Android Studio, GIT

**Experience**

**Microsoft** Summer 2018

*Incoming Explorer Intern*

* Rotational program that will involve Project Manager and Software Development roles while developing features for Windows Store

**National Institute of Mental Health (N.I.H.)** September 2016 – August 2017  
*Research Intern, Neuroscience Department*

* Implemented Machine Learning algorithms (Random Forest) to find SNPs (Single Nucleotide Polymorphism) involved in ketamine response in OCD (Obsessive Compulsive Disorder) patients and antidepressant efficacy in Major Depressive Disorder

**George Mason University – Krasnow Institute**  June 2015 – August 2015

*Research Intern, Neuroscience Department*

* Modeled Hippocampal CA1 Neurons utilizing Python with pyMoose package

**Projects**

WeLocate October 2017

* Web application built using HTML, CSS, JavaScript, Yelp API, Amazon Web Services and Python
* Calculated informational statistics for small businesses and created a heat map of successful locations using a machine learning model
* Won Most Disruptive Hack (Red Venture), Best Financial Hack (Capital One) - VandyHacks

Life Alert and New Motion Sensing Technology Mobile App February 2016

* Mobile application programmed to work with a motion sensor to automatically complete a series of tasks with simple hand gestures
* 2nd Place Award – TJ Hacks

Drunk Driving Prevention Mobile App August 2015

* Introduces scientifically-researched “drunk tests” as a series of games on mobile phones; application automatically calls for a cab if user fails tests

**Activities and Membership**

Emerging Leaders, Freshman Leadership Organization August 2017-Present

Investment Committee, Georgia Tech Student Foundation August 2017-Present

Captain of Speech and Forensics Team, TJHSST September 2014 – June 2017

Computer Team, TJHSST September 2013 – June 2017

**Publications and Licenses**

Pending Publication for Computational Model of CA1 Hippocampal Neuron

GNU License for Neuron Morphology Condenser and Converter