

# RONITH RANJAN

rr8yv@virginia.edu  
www.ronithranjan.com

## EDUCATION

**University of Virginia**, College of Arts & Sciences GPA: 4.00 **Expected Graduation: May 2024**  
• Current 1<sup>st</sup> year: Pursuing BA in Computer Science and Political & Social Thought, Minor: Economics  
**Thomas Jefferson High School for Science and Technology (TJHSST)** GPA: 4.42 **September 2016 – June 2020**  
• Relevant Coursework: Artificial Intelligence, Web Dev, AP CS, Research Statistics, AP Physics, AP Chemistry

## LEADERSHIP

**Judge, First Year Judiciary Committee**, UVA *September 2020 – Present*  
• Administer educational sanctions for infractions on the Community of Trust through sitting on standard code violation cases, overseeing 4,000 students  
• Redesign data collection system to keep track of useful, anonymized case data through the History Committee  
• Digitizing and analyzing past 15 years of data to find ways to improve the UJC  
**Representative, First Year Council**, UVA *September 2020 – Present*  
• Represent the ~800 students staying at home  
• Create two events per semester for student through the Academic & Career Committee, like a panel of representatives from different UVA schools to help choose classes  
**President, Student Government Association**, TJHSST *May 2019 – May 2020*  
• Chief ambassador for student body of 1800 students to the administration, faculty, and outside organizations  
• Managed a \$20,000 budget and addressed student issues in a timely manner  
• Planned and executed all 15 SGA events and initiatives with a 21-person team  
**Co-Chairman, Mental Health Coalition**, TJHSST *January 2019 – May 2020*  
• Set up monthly meetings between principal, PTSA, students, and SGAs from different schools to bring attention to issues of stress, mental health, and stigma reduction within the school  
• Became co-chairman in June of 2019; Certified in Youth Mental Health First Aid Training  
**Treasurer, Namaste**, TJHSST *May 2019 – May 2020*  
• Budget and maintain finances of the Indian culture group  
• Redesigned the largest event at TJ: International night for nearly 2000 people with a \$50,000 budget  
• Member of the TJ Bhangra dance team

## PROJECTS

**Co-Founder**, <https://www.deartifresh.com/> *June 2020 – Present*  
• Design platform for alumni to share their experiences and resources for incoming students at TJHSST  
• Coordinated and edited 14 letters from various alumni  
• Marketed website to increase traffic to 1,200 users in the past 4 months  
**Researcher, Neuroscience Lab**, TJHSST *August 2019 – May 2020*  
• Investigated the effect of 60-minute runs on cognitive ability and EEG energy on six high school runners  
• Extracted quality data and removed data noise by applying different mathematical analysis techniques (like FFT)

## WORK EXPERIENCE & SERVICE

**Co-Founder, Summit for Future Innovators**, Ashburn, VA *May 2018 – May 2020*  
• Organized annual STEM event at Eagle Ridge Middle School  
• Directed a 9-person to develop curriculum plans to teach over 100 students  
**Tutor, GIVE Tutoring Program**, Brambleton, VA *March 2019 – June 2020*  
• Volunteered two hours on weekends for 10 weeks a year at local library to tutor younger students

## ACCOMPLISHMENTS/AWARDS

**Delegate from Virginia, United States Senate Youth Program (USSYP)** *March 2020*  
• One of two delegates from Commonwealth of Virginia  
• Joined network of like-minded and passionate students interested in public service  
**Finalist, National Merit Scholarship** *February 2020*  
**First Place Fannie Mae Category, Hack TJ** *April 2019*  
• Used housing data and other available metrics (ex. Zillow) to predict future changes in loaning distributions with a 93% accuracy through a SVM and then displayed using MapBox

## SKILLS & INTERESTS

**Languages:** English, Spanish (Near Fluency; AP Spanish; Spanish Governor's School), Hindi (Working towards fluency)  
**Computer Languages:** Python, Java, JavaScript, HTML, CSS, Swift **Software:** Excel, MATLAB, Git  
**Completed Courses:** Machine Learning with Andrew Ng (Coursera)  
**Interests/Hobbies:** Running, Alto Saxophone, Table Tennis