

RONITH RANJAN

rr8yy@virginia.edu

703.608.7818

EDUCATION

University of Virginia, College of Arts & Sciences

Expected Graduation: May 2024

- Current 1st 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 withing 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

Software: Excel, MATLAB, Git

Completed Courses: Machine Learning with Andrew Ng (Coursera)

Interests/Hobbies: Running, Alto Saxophone, Table Tennis