Aditya Pillai

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education	**Carnegie Mellon University. Pittsburgh, Pennsylvania.**	**May 2022**

Bachelor of Science in Computer Science.
Technical Skills: Python, Java, C++, HTML/CSS

Brentwood High School. Brentwood, Tennessee.	**May 2018**

Ranked 1st out of 450 students in the graduating class of 2018. Completed 21 Advanced Placement exams. GPA 4.0/4.0.

experience **Vanderbilt University.**	**June – August 2018**

Research Intern.
- Designed a metric to analyze political polarization through the application of various machine learning methods.
- Examined different methods of machine learning and compared differences in success rate among these methods.

Utilize Health.	**May – August 2017**

Technology Intern.
- Wrote code and squashed bugs for this Utilize Health's web application.
- Discussed and set goals and plans as part of a 12-person startup team.

Software Developer.	**2016 – Present**

- Maintain open-source projects including "Streisand," a project that intends to create a suite of tools to bypass internet censorship and support freedom of speech.
- Assist in writing documentation and code and reviewing others' changes to the codebase.

Boys and Girls Club of America.	**2015 – 2016**

Volunteer.
- Manned summer camp activity stations including the computer lab, art station, playground, and lunch for children aged 5 – 16 in low-income households.

extracurriculars **Brentwood High School Forensics Team.**	**2014 – 2018**

Assistant Coach and Debater.
- Oversaw and directed speech and debate drills, practices, and topic analyses.
- Semifinalist and 1st Place Speaker at the University of Alabama public forum debate tournament.
- Quarterfinalist at the national Isidore Newman debate tournament.
- Individual state runner-up in congressional debate national qualifiers.

Model United Nations and Youth in Government.	**2014 – 2018**

Vice President.
- Led 150+ member school club.
- Organized practices, hotel rooming, billing, and taught mock bill and resolution writing.
- Won Outstanding Delegate and Resolution and selected as P5 member in Security Council in 600+ member regional convention.

Computer Science Club	**2017 – 2018**

Founder and President.
- Taught students basic-to-advanced concepts in computer science.
- Competed in individual CS-related tournaments including Google's Code Jam, CyberPatriot, and HackerRank.

Brentwood Science Bowl	**2015 – 2018**

Captain.
- Led practices to prepare two 5-member teams for the Tennessee Science Bowl tournament.
- Managed practices and worked with students in studying specialized areas of science.

Mock Trial	**2015 – 2017**

Expert Witness.
- Won 1st place in the region and 8th place in the state.
- Created and embodied witnesses and attorneys to present in a courtroom.
- Lead practices to prepare for the tournament.
- Facilitated discussion about areas of improvement for the team.

awards **13th Place in Applicational Calculus Nationally**	**2017**
1st Place in Statistics in Tennessee	**2016**
National Merit Finalist	**2017 – 2018**
National AP Scholar and State AP Scholar	**2017 – 2018**

code Visit *adityapillai.com/code* and use the password *Aditya@CMU2022*.	