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## **Objective**

Looking for challenging work as an intern or a research intern (either paid or non paid). My main focus is to gain experience in the field of Business and Computer Science, specifically in big data, cyber security, or Mobile and Web application development.

## **Education**

***Junior at Thomas Jefferson High School Science and Technology***  
*Virginia's Governor (magnet) High School; Newsweek's #1 rated School in the Country*

**GPA:** 3.7 GPA

## **SAT Subject Scores:**

**Math level 2:** 790

**Chemistry:** 730

## **Course Work:**

### **Honor Courses**

Algebra 1&2, Geometry, Pre-Calculus  
Physics, Biology, Chemistry  
Foundation Computer Science

### **AP Courses**

AP Biology  
AP Computer Science with Data Structures  
AP Calculus AB  
AP Economics  
AP US History  
AP Statistics

### **Post AP Courses**

AI (Artificial Intelligence)

## **Skills**

- Java Programming
- HTML, CSS
- Angular Js
- Java Script
- Python
- Microsoft Office (MS Word, MS Excel)
- Basic
- MS DOS

## Key Accomplishments

- Co-founder of Jefferson Speech and Debate (JSD) [tinyurl.com/JEFFSD](http://tinyurl.com/JEFFSD)
- Won a debate round at Harvard University Invitational National Tournament
- Won 3 debate rounds at Wake Forest University National Tournament
- 8<sup>th</sup> place with a 4-1 record at Lincoln Douglas Debate JV Metrofinals in DC Metro area
- Founder of Eagle Ridge Middle School Debate Team
- Founder of Eagle Ridge Middle School American Computer Science League (ACSL) Club
- Started JSD Summer Debate Workshop
- Organized JSD Summer Debate Tournament
- Coach and Organizer of Stone Hill ACSL club which placed 16<sup>th</sup> globally
- Winner of Zerion Hackathon (Run by IForm Builder)
- Successfully wrote and presented a scientific paper at TJ Star
- Part of Student Gifted Program in Loudon County

## Experience

- **Coach of ACSL club** at Eagle Ridge Middle School    **Oct'15 – Present**  
Started ACSL (American Computer Science League) club at **Eagle Ridge Middle School**
  - Mission
    - To expose and inspire local middle schoolers in computer science
  - Responsibilities
    - Communicate with ACSL organizations
    - Creating teaching materials
    - Teaching students
    - Administering tests
    - Working one on one with students who are struggling
    - Grading and extensively testing programs
  - Accomplishments
    - Inspiring students to further pursue computer science
    - Managing a club with more than 25 kids
- **Coach of ACSL club** at Stone Hill Middle School    **Sep'14 – Present**  
Started ACSL (American Computer Science League) club at **Stone Hill Middle School**
  - Mission
    - To expose and inspire local middle schoolers in computer science
  - Responsibilities
    - Communicate with ACSL organizations
    - Creating teaching materials
    - Teaching students
    - Administering tests
    - Working one on one with students who are struggling
    - Grading and extensively testing programs
  - Accomplishments

- In 2014-2015, my team qualified for **all star contest** in Orlando, FL
  - My team was placed 16<sup>th</sup> in the world (<http://acsl.org/acsl/14-15/ALL-STAR%20RESULTS.htm>)
  - Inspiring students to further pursue computer science
  - Managing a club with more than 60 kids
- **Jefferson Speech and Debate (JSD) Jun'15-Present**  
 Co-founder of Jefferson Speech and Debate (JSD) a non-profit organization focused on teaching debate
  - Mission
    - To provide middle school students the opportunity to explore debate
  - Responsibilities
    - Sharing responsibility of running and maintaining the organization with two others
    - Filling out the 401(c)(3) paperwork for non-profit organization
    - Coordinating with Eagle Ridge, Farmwell and Trailside middle schools as well as other schools in the local area to implement debate program
    - Building the website for the company (In the works of being implemented)
  - Accomplishments
    - Successfully ran summer workshop
    - Successfully ran a tournament
    - Successfully started debate clubs at Trailside Middle School, Farmwell and Eagle Ridge Middle School
- **Organizer of Eagle Ridge Debate Workshop Jun'15 – Aug'15**  
 Started and taught at Eagle Ridge Summer Debate workshop, which was open to any middle school student in the local area
  - Mission
    - To introduce debate as well as teach public speaking and researching skills to middle school students
  - Responsibilities
    - Coordinating with Administrators
    - Organizing parent information sessions
    - Creating teaching material
    - Teaching students about debate and how to research
    - Giving Public Speaking Lectures
    - Practicing and running debate drills with students
  - Accomplishments
    - Managed the club with more than 80 students
    - Cultivated better speakers and researchers
- **Organized JSD Summer Debate Tournament Aug 2015**  
 Organized a Lincoln Douglas Middle School Debate Tournament which was open to any middle school student
  - Mission

- To allow students to test their Debate Skills as well as see their improvement.
- Responsibilities
  - Handling Tournament Logistics like registrations, fees, food, pairings, judges
  - Organizing Judges
  - Keeping track of records
- Accomplishments
  - Seeing students improve from beginning of the summer Tournament running smoothly

• **Head Mentor of Debate Team** **Aug'15-Present**

Head Mentor of Thomas Jefferson Lincoln Douglas Debate Team

- Mission
  - To organize and start mentor system to aid debaters who are starting debate
- Responsibilities
  - Coordinating with Captain and other officers
  - Creating sign ups for varsity members to become mentors
  - Assigning novices mentors
  - Ensure mentors are helping their mentee's
  - Communicating with Debate Coach
  - Recruiting new members to the club
- Accomplishments
  - Hiring one of the top debate coaches in the country
  - Helping beginner debaters

• **Investment Club Retail Associate** **Jun'15 - Present**

Head Retail Associate of Thomas Jefferson's Investment Club

- Mission
  - To educate and expose students to the workings of the stock market
- Responsibilities
  - To organize presentations on retail stocks
  - Communicating with the president and other associates
  - Preparing a presentation which give a verdict on whether or not we as a club should buy a stock
- Accomplishments
  - Help manage a club of over 50 students

• **Sci-Talk Club Treasurer** **Jun'15 - Present**

Treasurer of Thomas Jefferson's Sci Talk club

- Mission
  - To Inspire students to be more articulate about controversial STEM topics
- Responsibilities
  - Organize Club meetings
  - Communicate with club sponsor
  - Lead Club Discussions
  - Managing club funds

- Finding and organizing research for club discussion
- Accomplishments
  - Managing a club of over 20 students
  - Teaching student to express their views on medical ethics
- **Wrote and Presented Scientific Paper** **Oct'13 – May'14**  
 I wrote and presented a scientific paper
  - Mission
    - To analyze the relationship between the Proximity of a Water Source and the Amount of Deer Pellets in a certain Plot.
  - Responsibilities
    - Collecting of data over several months
    - Visiting Mason Neck Wild Life Park,
    - Writing the paper, in proper APA publishable format.
    - Researching about the topic
    - Worked with group members
    - Memorize a presentation
  - Accomplishments
    - Presented the paper at the TJ Star (Thomas Jefferson's annual symposium)
- **Member of TJ Club INVENT Team**  
 Aim is to teach about how to create a Startup
- **Member of TJ Club Mobile and Web Development club**  
 Aim is to teach android, IOS and front and backend programming
- **Member of TJ Intermediate Computer Team**  
 To teach advanced Computer science topics
- **Member of TJ Future Business Leaders of America**

## Projects

Github.io/2017vtandale

- Completed
  - Open CV car detection program (For Zerion Hacks)
  - US Army sponsored eCybermission project
- In progress
  - Code4them Website
    - Website for club I plan to start
  - Cross Platform notification checker
    - Hack TJ hack that I am still working on
  - JSD Website
    - Website for JSD company
  - Article Cutter + Research organizer
    - Program that will speed up research by find relevant statistics and information