

# **Vihaan Chhabria**

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## **Education**

**Perkiomen Valley High School (PVHS), Collegeville, PA** — Grade 10

**GPA:** 5.0 (W); 4.0 (UW)

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## **STEM & Technical Leadership**

### **Code and Scouting Captain, First Robotics Competition (FRC), PVHS**

2024–present

Solely design and update VScouter, a free scouting app used by 20+ teams worldwide, adapting it annually to each new FRC game/challenge. Led code team to implement structural and design improvements, CAD modeling, prototyping, and data analysis with Tableau. Trained new members and implemented team-based Git/GitHub workflow to streamline collaboration and version control.

### **Student Presenter, Comcast FRC Bootcamp**

2023, 2024, & 2025

Delivered solo presentations on scouting and data analysis; recognized as the only student-led presentation.

### **Code Captain, First Tech Challenge (FTC), Lansdale Catholic**

2020–2023

Developed robot code, CAD modeling, and prototyping; applied advanced Git/GitHub workflows.

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## **Healthcare & Community Service**

### **Founder, Prints for Purpose Club, PVHS**

2025–present

Student-led service club that designs and 3D-prints assistive devices to support individuals with physical limitations. Established a patient-centered approach by connecting students with seniors at local facilities.

### **Volunteer & Shadow, Reading Hospital – Tower Health (Emergency Department)**

2025–present

Shadow doctors and nurses in the Emergency Department; assist with stocking equipment, collecting supplies, and medication. Assemble bags for food donations.

### **Shadow, General Physician Dr. Christopher Drumm**

2024–present

Observe clinical practice and patient interactions; learn about diagnosis, treatment planning, and patient care.

### **Volunteer, Collegeville Food Pantry**

2024–present

Organize operations and distribute donated food efficiently; collaborate to support community needs.

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## **Leadership & Mentorship**

### **Class President & Former Vice President, PVHS**

2024–present

Elected Vice-President in Grade 9 and President in Grade 10; advocate for student needs in meetings with administrators. Led initiatives to enhance student safety, including watering all sports fields.

### **Student Leader, PVHS Gifted Task Force & Student Leadership Committee**

2024–present

Guide incoming freshmen in academic and extracurricular transitions; promoted teamwork and collaboration.

### **Debate Member & Middle School Coach, PVHS & PVMS**

2022–present

Compete in Congressional Debate with multiple wins; mentor 10 middle school students in public speaking.

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## **Extracurricular Activities & Athletics**

### **Defensive Center Back, Perkiomen Valley Travel Soccer Team**

2021–present

Demonstrate leadership, strategic thinking, and strong communication on the field. Maintain composure under pressure and make quick decisions. Collaborate effectively as a team player to execute game strategies.

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## **Awards & Honors**

- NHS Member, Leadership, Scholarship, Service— 2025
- Advanced Placement Scholar Award — 2025
- American Legion Auxiliary School Award — 2024
- Golden President's Education Excellence Award — 2024
- Perkiomen Valley Middle School East Outstanding Achievement Award — 2024
- La Salle Forum Grade School Invitational Student Congress — 1st Place, 2024
- Saint Joseph's Prep Elementary Student Congress — 2nd Place, 2024
- Philadelphia Catholic Forensic League 4 Student Congress — 1st Place, 2023
- Saint Joseph's Prep Elementary Student Congress — 2nd Place, 2023