Tvisha Purohit

tvishapurohit@gmail.com | North Potomac, MD | (240) 447-0076

EDUCATION

Thomas S. Wootton High School Rockville, MD

- Expected Graduation Date: May 2028 August 2024 - Present
- GPA: 3.87/4.00
- Relevant Coursework: AP Computer Science Principles, AP Government & Politics, AP Human Geography, Honors Algebra 1 & 2, Honors Precalculus, Honors Programming 1

ACTIVITIES

Kids for Code December 2025 - Present

C++ Teacher

- Taught C++ programming basics to 20 elementary and middle school students across multiple skill levels, covering core concepts including variables, loops, and functions.
- Designed homework assignments and coding exercises for beginner learners.

DECA, Thomas S. Wootton High School September 2025 – Present

Member

- Created and presented a business idea for a mobile app that helps students build financial literacy skills through lessons on budgeting, saving, and money management.
- Researched student needs and developed a plan highlighting the app's features and benefits.

South Asian Youth Volunteer Association (SAYVA) July 2025 – Present

Member

- Participated in hands-on community service events across Virginia, Maryland, and D.C. as part of a 150+ member teen-led nonprofit.
- Supported the South Asian community through cultural celebrations, advocacy initiatives, and food packing drives for local families in need.

Patriot Ambassadors, Thomas S. Wootton High School April 2025– Present

Student Ambassador

- Selected to represent the school as a student ambassador, assisting at major events including New Student Orientation, Middle School Visits, and Back to School Night.
- Welcomed and guided incoming students to help them navigate the school community.

Patriot Minds Matter, Thomas S. Wootton High School September 2024 – Present

Treasurer, Member

- Supported mental health awareness initiatives and helped create a safe space for peers.
- Managed club finances and dues as Treasurer for a chapter of the national Our Minds Matter organization.

PROJECTS

Poker Game May 2026

C++

- Built a text-based poker game where players are dealt cards and hands are scored.
- Used vectors/arrays, loops, functions, conditionals, and random number generation to manage gameplay.

Credit Card Validator December 2025

C++

- Developed a program that checks whether a credit card number is valid.
- Used loops, string processing, functions, and mathematical calculations to verify card numbers.

Restaurant Simulation May 2025

JavaScript

- Designed a restaurant ordering system that allows users to place orders and calculate totals.
- Used lists, functions, conditionals, and basic loops to organize menu and order data.