

Ayan Chowdhary

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Seeking internships to apply computer/data science, AI/ML, public speaking, & leadership skills.

Education

Thomas S. Wootton High School

Class of 2026

WGPA: 4.57, GPA: 3.71

AP/H Courses Completed: AP Computer Science 1, Hon Biology, Hon Algebra 2, Hon English 9, Hon US History, AP Physics 1, Hon PreCalculus, Hon English 10, Hon NSL Gov

AP/H Course in Progress: AP Calculus AB, AP Language and Composition, AP Java, AP Seminar, AP Photography, Hon World History, Hon Chemistry

Data and Computer Science Experience

Congressional App Challenge

2024

Submitted a recycling app which has resources and interactive experiences to help with recycling in Montgomery county. mcorecycle.vercel.app

Kaggle Competitions [kaggle.com/ayanch](https://www.kaggle.com/ayanch)

2023+

Competed in several machine learning competitions
Built models on real estate data to predict house prices and predicting smoking status
Data analysis on leaves and disease types to classify/identify apple leaf sickness

Full Stack Development github.com/AyanCh0w

2023+

Learned leading technologies for front-end and back-end management
Developed multiple apps, including AI powered note taker which creates notes, quizzes, and plans after intelligently analyzing class recordings

Machine Learning

2022+

Learned machine learning functions, learned convolutional neural networks (CNN), studied Linear Algebra and Calculus

Transformer Models

2021+

Studied transformer models such as gpt-2 and BERT
Compared natural language processing and transformer models performance
Trained models for creating embeddings for words/tokens and learned tokenization

Clubs and Community Service

Computer Science Scholar Society Club csssociety.net/

2024+

Founded and run high school computer science club

Ice Skating Instructor

2023-24

Taught students for the local ice rink's Learn to Skate program.

Awards and Certificates

Model UN – Wootton High School

2022+

Won Honorable Delegate (3rd) at Winston Churchill High School, '24
Won Outstanding Delegate (2nd) at University of Maryland, '24
Won Honorable Delegate (3rd) at Thomas Jefferson High School, '24
Won Honorable Delegate (3rd) at Winston Churchill High School, '23

Georgetown Summer Program - Artificial Intelligence Academy

2023

Learned different AI standpoints and capabilities from a global perspective
Worked with faculty in public policy to understand AI from political views

Georgetown Summer Program - Entrepreneurship Class

2022

Learned the process and structure of small business to enterprise organizations
Developed mock companies and pitched to VP's of enterprise companies like Wayfair

Sports

Wootton Athletics

2022-24

Junior Varsity Ice Hockey