Benjamin Phipps

Prospective Computer Science Major

Plano, TX
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ACTIVITIES

Lead, Top Rope, & Boulder Climbing

April 2021 - PRESENT

Participate in boulder and top rope events. Ranked in the elite category of climbers at my university. (V8, 5.13+)

Events Coordinator, *Naturally*

April 2024 - PRESENT

Plan camping trips and hikes. Coordinate volunteering for trash cleanup, gardening, planting trees, and recycling.

Varsity Mixed Chorale & Show Choir

August 2021 - May 2023

Choir President, Chorale
Tenor Section Leader, Show Choir

EDUCATION

Texas Academy of Mathematics and Science (11th-12th)

August 2023 - May 2025

Linear Algebra & Vector Geometry, Foundations of Computing, Computer Science I & II, Calculus I & II, Physics Mechanics and E&M

C.A. McMillen High School, PISD (9th-10th)

August 2021 - May 2023

AP Computer Science Principles, AP European History, AP World History, AP Human Geography

PROJECTS

Deep Lifeguard — *Science & Engineering Fair Project*

McMillen Science Fair, PSEF, DSEF

Used computer vision to create an AI lifeguard that could detect whether or not people were drowning by tracking body position and orientation in a live video feed of the pool.

AWARDS

Plano Science and Engineering Fair Grand Prize

McMillen High School Science Fair Grand Prize

Dallas Science and Engineering Fair (DSEF) Qualifier

AP Scholar with Honor Award

Delta Alpha Pi International Honor Society (Alpha Nu Chapter)

Dallas Regional Choir (9th Chair Tenor I)

PROGRAMMING LANGUAGES

Python
C++
Java
JavaScript
C# (mild proficiency)

HOBBIES

Polynesian Dancing
Rock Climbing
Hiking
Snowboarding
Environmental Awareness