TRAVIS TRAN

JOHNS HOPKINS BME CLASS OF 2028

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ABOUT ME

Current freshman at Johns Hopkins University in Baltimore, MD majoring in biomedical engineering. Interested in the intersection of engineering and medicine and the discovery of novel therapies, treatments, and cures that can arise from it.

EDUCATION

Johns Hopkins Univ.
2024-2028
BME Major

Mass Academy
2022-2024
4 Research Projects
Completed Calculus
1550 SAT, 35 ACT
4.0 GPA at WPI

AMSA
2017-2022

Harvard University
Summer 2022
Pre-college course on Bioinformatics

MIT — Beaverworks
Summer 2023
Course on developing autonomous underwater vehicles

SKILLS

Computer Aided Design (CAD)

Python, Java, C++, R

HTML, CSS

Matlab, Mathematica

Swift, SwiftUI

Stata

Command Prompt/Terminal

PROJECTS & AWARDS

Modular Prosthesis   Sept 2022 - May 2023
Six-month long independent research project under the advisory of Dr. Kevin Crowthers, Ph.D.

March Madness ML Model   Nov 2022 - May 2023
ML Model which predicts the winner of the NCAA Men's D1 Basketball Tournament

Unified Grocery App   Jan 2023 - May 2024
Grocery app which keeps a virtual fridge, gives recipes based on ingredients on hand, and keeps track of expiration dates

Sit to Stand Assistive Device   Feb 2023 - May 2023
Assistive device designed to be placed on top of chairs and seats to aid users in sitting in and getting out of them

Junior Mathematics Olympiad (JMO) Qualifier	2021
Freshman Math Team Leading Scorer - AMSA	2021
4th Place - Worcester County Mathematics League Varsity Individual Rankings	2021
Gold Community Service Award - AMSA	2021
Varsity Math Team Leading Scorer - AMSA	2022
Platinum Community Service Award - AMSA	2022
Purple Comet Honorable Mention (Top 3%)	2023
13th Place - Worcester County Mathematics League Varsity Individual Rankings	2024

EXPERIENCE

Junior Academy Counselor
Worked with a STEM teacher to provide free engineering lessons to middle school students as a part of a STEM summer camp.
Jul 2024

Computer Quest Counselor
Created and taught lessons on CAD and cyphers to middle school students as a part of a computer science summer camp.
Jul 2024

EXTRACURRICULARS

National Honor Society
AMSA and Mass Academy
2022 - 2024

Community Service
AMSA - Leaders of Tomorrow Club Mass Academy - President of Mass Academy Community Service Club
2020 - 2024

Math Team
AMSA - Captain of freshman, varsity teams
Mass Academy - Team Captain
2017 - 2024

Student Government
AMSA class of 2024 representative
2021-2022