

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

Majoring in BME

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 - Present

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

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 the freshman and
varsity teams

Mass Academy - Team Captain

2017 - 2024

Student Government

AMSA class of 2024 representative

2021-2022

Creative Engineering Club

Programming Team

CAD Club

Cooking Club

Mass Academy 2022-2023