

# 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 — Worcester, MA

### 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 — Worcester, MA

## 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