

Tegran Grigorian

EXPERIENCE

Westwood Ai, Grand Rapids, Michigan | 2024

Intern

- Developed an AI model with Python for Ultralytics YOLO V8 algorithm to detect anomalies on rooftops, and programmed a backend with Rust and Web development languages.

EDUCATION

Grand Valley State University – Padnos College of Engineering and Computing, Grand Rapids, Michigan

Bachelor of Science in Engineering, Major: Computer Engineering

Expected Graduation: 2027

-GPA: 3.88

-Clubs: GVSU HAT

Grandville High School, Grandville, Michigan

Graduation: 2024

-GPA: 3.8

-Clubs: Robotics, National Honors Society, Coffee Club

PROJECTS

Satisfactory Mod Developer,

FIRST Robotics, Grand Rapids, Michigan | 2020-2024

Team Member-Programmer

- Collaborated with a team to design and build a robot
- Developed and implemented C++ code for a swerve drive system, optimizing performance on processors with limited resources.

Vex Robotics, Grand Rapids, Michigan | 2024

Captain – Programmer

- Developed and implemented an adaptive C++ robot navigation system integrating real-time sensor data.

SKILLS

Programming: C++, C, C#, Python, Java, JS, Rust

Software: Microsoft tools, git, VSCode

Engineering: Microcontroller Systems, Robotics, Problem Solving

Hands-On: System Optimization

AWARDS

Vex AI World Championship
2020 & 2024

Vex Michigan State
Championship – 2024

FIRST Robotics Competition
Canadian Pacific Regional
Championship – 2023

LANGUAGES

English, Russian