Erik Radakovich

1681 Broadway St. Apt 402 Ann Arbor, MI • 5304 Brindlewood Dr. Plainfield, IL • 815-302-8626 • eradakov@umich.edu

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EDUCATION

University of Michigan, Ann Arbor, MI — August 2019 to May 2023
Current GPA: 3.96/4.0
Field of Study: Electrical Engineering Major with Computer Science Minor
Awards: Engineering Honors Student
Relevant Coursework: Intro to Electronic Circuits, Programming and Introductory Data Structures, Electrical Engineering Systems Design

Plainfield South High School, Plainfield, IL — August 2015 to May 2019
GPA (weighted): 5.8/5.0
Awards: Valedictorian, AP Scholar with Distinction, National Merit Scholar Finalist.

EXPERIENCE

UMTRI Research Fellow, Ann Arbor, MI — May 2020 to August 2020

- Worked closely with university faculty member on how to quantify the complexity of human-machine interfaces in semiautonomous vehicles and how to carry out projects in general, researched technical literature to gain knowledge on the subject, used literature to help write a report for the use of automotive engineers during the vehicle design process.

Mathnasium: Math Instructor, Shorewood, IL — August 2017 to August 2019

- Instructed mathematics as a lead instructor, managing 10-15 students at a time alongside two other instructors, worked with students on self-confidence, informed parents on student progress and answered questions, aided center director in creating customized learning plans for each student.

Engineering Advising Center: Customer Service Specialist, Ann Arbor, MI — August 2020 to Present

- Assisting students with a variety of needs related to advising, responding to questions about courses, scheduling, departmental programs, and campus resources, using live text chat and video chat to interact with students remotely.

ACTIVITIES

Michigan Hyperloop, Ann Arbor, MI — September 2019 to December 2019

- Worked on power subteam of engineering design team building Hyperloop pod for SpaceX competition. Researched parts to be used in construction of power box, learned inner workings of power system, created power distribution wiring diagrams.

National Honor Society President, Plainfield, IL — March 2018 to May 2019

- Led monthly NHS meetings and officer meetings, worked with officers to write meeting agendas, researched and organized group service projects and fundraisers, tutored struggling students one-on-one.

Private Tutor, Plainfield, IL — January 2017 to May 2019

- Self-run and advertised tutoring service, privately tutored students outside of school in a variety of subjects, developed semester-long learning plans to help students understand concepts and achieve their goals.

VOLUNTEER WORK

- Volunteered 150+ hours throughout high school at Feed my Starving Children, food pantries, tutoring, baseball and football camps, and several other school events within the Plainfield, IL community.

SKILLS

- **Hard Skills**: C++, MATLAB, Microsoft Office, researching and writing technical literature, Python (learning)
- **Soft Skills**: Clear communication, instructing, time management and scheduling/planning, working efficiently in a busy environment—either in a team or independently, personal people skills, self-motivation, willingness to learn and exceed responsibility, leadership.