

# Efe Akinci

Senior at Skyline High School

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## Extracurricular Activities

### • FIRST Robotics Competition (FRC) (2018-)

#### Team 6429 (2018-2019)

- Captain of the Engineering Projects Subteam.
- In Programming, Engineering Projects, and Strategy subteams.
- Team won Winner and Engineering Inspiration awards in the 2018 Off Season, the Engineering Inspiration award in the 2019 Istanbul Regional and competed in the Houston World Championship.
- Created an Android app along with a complimentary web interface to track and analyze other teams' performances.
- Designed an Android social networking application for FRC teams.
- Designed a machine learning application to predict outcomes of FRC matches.
- Filmed and edited videos for the FRC Team.
- Assembled a replica of the match field using power tools in cooperation with teammates.
- Provided support for a STEM seminar.
- Competed in a total of 3 events over the year.

#### Team 3322 (2019-)

- Led a scouting team to create a React - MongoDB based scouting web application.
- Competed at Kettering University
- Season cancelled due to COVID-19

### • Mathematics & Computer Science Club (2019-)

- Co-President of the Mathematics and Computer Science Club in which we participate in competitions.
- Club scored #2 in the University of Michigan LEMMA Competition in 2019

### • Submitted an Online Exam Registration System to TUBITAK (2018-2019)

- 2-person project which was submitted to the Scientific and Technological Research Council of Turkey.
- System allowed for completely digital registrations for students.

### • Assisted in the Development of a Project for an Airbus Competition (2018)

- Designed a system for remote real-time control of a robot for a team in an Airbus competition.

### • University of Michigan (2019-)

- Worked at the University of Michigan, conducting research. Position included data analysis using Python and Excel in conjunction with other statistics programs. Findings published at the ENDO 2020 conference.
- Currently working to create a mobile check-in application to streamline the patient check in experience during the COVID-19 pandemic.

### • Momentum Magazine (2020-)

- Working as the head of website development for Momentum Magazine — an international, student-led magazine that focuses on social issues.
- More information can be found at [www.ourmomentum.org](http://www.ourmomentum.org).

## Volunteering

### • Tutoring (2019-2020)

- Volunteered as a tutor in my high school's academic resource center, teaching students in the areas of mathematics, computer science, and physics.

### • FIRST Robotics Competition (2018-2020)

- Gave STEM education to children in public schools in Turkey.
- Volunteered in the Istanbul Regional Event in the Spare Parts Attendant Role.
- Volunteered in the Houston World Championship in a Field Assembly role.
- Registered to volunteer at the Detroit Championship.

### • Ann Arbor Public Library (2018)

- Assisted with incoming books.

## Hobbies

### • Coding & Mechatronics

- I enjoy automating my daily tasks through coding and creating mechanisms.

### • Photography and Videography

- I enjoy creating videos and photography.

### • Tennis

- I started playing tennis at the age of six, and have enjoyed it as a hobby since.