

## EDUCATION

2021-present

### **Pike Road High School / AUM**

GPA: 4.4/4.0; Class rank: 1/166; SAT: 1120/1600

- **Dual Enrollment Courses:** Calculus II, General Chemistry II, Calculus I, General Chemistry I, Intro to American Politics, Economics I (Micro), Pre-Calculus, American Lit II, U.S History II, U.S History I, Music Appreciation, Introduction to Biology, Public Speaking, English Composition II, English Composition I
- **AP Courses:** Computer Science A, Computer Science Principles

## EXPERIENCE

Summer 2022

### **A Modular Multilayer Framework for Real-Time Hyperspectral Image Segmentation at AUM**

*Assistant Researcher, Volunteer*

- The project identifies various regions within a hyperspectral automatically image by classifying each image pixel and associating them to class segments.
  - Assisted with preparing the hyperspectral imaging system to take sky images.
  - Used a software called Spectron to analyze and break down the color segment in these images.
  - Worked with Professor Randy Russell and Professor Olcay Kursun at Auburn University at Montgomery

2022-2023

### **Borderless Coders Organization**

*Social Media Manager, Supervisor*

- Borderless Coders is a non-profit organization for international students who wants to learn how to code
  - In this organization, I worked with post designers, planned the social media platforms agenda, and kept track of our social media platforms; Instagram, Twitter, Facebook, and Youtube.
  - Kept track of the weekly meetings, presentation, and goals.

2022-2023

### **Montgomery Youth Orchestra**

*Flutist, 3<sup>rd</sup> Chair*

- MYO is comprised of approximately 70 talented young musicians across the state of Alabama.
  - I got in the third position out of eleven other flutists.
  - Attended weekly to prepare for two concerts each season at Montgomery Performing Arts Center.

2020-2023

### **Sky Academy Music Organization**

*Flutist, Pianist*

- Hundreds of students from around the world participate in Sky Academy's Ramadan program on YouTube every year.
  - I uploaded my piano and flute performances as part of this program's music component.

## PROJECTS

2023

### **Music Player Game**

**Link:** <https://t.ly/x3iEa>

- This app was coded with JavaScript, CSS, and HTML on Visual Studio Code.
- The user should be able to click on the play button to listen to the song.

2022

### **Take Care of My Cat Game**

**Link:** <https://shorturl.at/oOPV4>

- This app was coded with JavaScript only on code.org.
- The user can click the forward and back buttons to see the output. There is a hangman game at the end

2021

### **Music Composer**

**Link:** <https://shorturl.at/ovNW9>

- One out of ten of my compositions.
- The very first song I have composed back in ninth grade

## PERSONAL

- **Awards:** AUM Dean's List 2023, AUM Dean's List 2024, Mu Alpha Theta Honor Society, National Honor Society, Solo & Ensemble, Honor Band Awards.
- **Languages:** Turkish (Native), English (Native), Java, JavaScript, HTML, CSS.
- **Skills:** Leadership, Ambition, App Development, Communication, Critical Thinking, Music Composition, Self-Taught Pianist.