

# Melike Saide Buyukbayrak

LinkedIn GitHub

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## EDUCATION

### Bakirkoy Private Florya Anatolian High School

Sep 2019 – Ongoing

Senior Student / Anticipated Graduation - June 2023

**Courses:** Physics, Chemistry, Mathematics, Biology, Computer Science, Philosophy, English, Geography

**Distinctions:** Received High Honor Certificates in Grades 10-11, received Honor Certificate in Grade 9

## ACADEMIC ENRICHMENT ACTIVITIES

### Algorithm Course

Jun 2022 – Ongoing

- Take a beginner-level algorithm course by Asst. Prof. Onur Ugurlu on programming with C, machine learning using Python, and mathematical modelling and optimisation with Java and Cplex
- Work on an end-of-course project on writing graph algorithms to solve a Travelling Salesman Problem
  - Anticipated completion date: May-June 2023

### Interview Techniques

Nov 2022

- Finished and received a certificate for an online program that teaches the role of social media in professional hiring and how to prepare for professional interviews

### VC-Stem: Robotics Summer Camp, Leysin, Switzerland

Jul 2022

- Learned basic coding logic and Python codes through pre-made blocks of code we were given to re-organize so as to make robots perform assigned functions properly
- Competed against other students in coding robots to race as well as box each other and learned how to compartmentalize tasks to simple instructions and rules for a robot to be able to follow efficiently by comparing the different approaches other students also took to achieve similar results from different avenues and see which ways proved more efficient in a competition

### University College London (UCL) Study Preparation Module

Jul 2022

- Learned about higher education styles, how to conduct myself as a university student, academic reading and writing, citations, referencing and avoiding plagiarism with an online module developed by the UCL Institute of Education

## EXTRACURRICULAR ACTIVITIES

### Model United Nations (MUN)

2019 – Ongoing

- Active Member of the MUN Club of Bakirkoy Florya Private Anatolian High School
- Participated in MUN in Barcelona (2019), MUN in Seoul (2021) and Online MUN in Russia

### Horse-Riding

2015 – 2019

Participated in following horse-riding competitions organized by the Turkish Equestrian Federation

- Ranked 1<sup>st</sup> place at Kemer Country Club New Year Cup – Hurdle Race (85cm) Dec 2019
- Ranked 5<sup>th</sup> place at Kemer Country Club New Year Cup – Hurdle Race (80cm) Dec 2019
- Ranked 4<sup>th</sup> place at the End of Year Cup of IASK Dec 2018
- Ranked 5<sup>th</sup> place at the Turkey Jockey Club and Infinity Wellness Clinic Cup – IASK Hurdle Race Sep 2018
- Ranked 4<sup>th</sup> place at the Mazda Jinba Ittai Cup Feb 2018
- Ranked 1<sup>st</sup> place twice at Mazda Jinba Ittai Cup Rung I Feb 2018

## SKILLS AND HOBBIES

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### Languages

- Turkish (Native)
- English

### Programming

- C (Beginner)
- Python (Beginner)
- Java (Beginner)
- Cplex (Beginner)
- HTML (Beginner)

### Other

- Microsoft Office (Word, Excel, PowerPoint)