

Elif Leyal UĞRAŞ

Email: elifleyalugras@gmail.com

Phone: (90) 533-734-64-91

Website: <https://www.elifleyal.com/>



EDUCATION

Kartal Anatolian IHL High School

Istanbul, Turkey

GPA: 98/100

09/2018 – Present

Expected Graduation: 06/2023

- **IBDP Graduation:** 01/2023

High Level Courses: Mathematics Analysis and Approaches (5), Biology (6), English B (7)

Standart Level Courses: Physics (7), Turkish A (6) Turkey in the Twentieth Century (6)

- **IGCSE - Graduation:** 06/2020

Courses: Biology (A*), First Language Turkish (A*), Mathematics (A*), Physics (A*), Chemistry (A*), English as a Second Language (A*)

- **Language Proficiency**

Turkish (Native), English (Professional Working Proficiency), Arabic (Limited Working Proficiency), German (Elementary Proficiency)

EXPERIENCES

Shadowing at Bezmialem Hospital | Internship

01/2023 – 02/2023

60+ hours of shadowing with physicians from various medical specialities such as cardiology, gynecology, ophthalmology, nephrology, orthopedics and so on. Highlight of the experience include: attending surgeries, observing physicians examining the patients, discussing the possible diagnosis with the doctor, engaging with patients in accordance with the instructions of the nurses.

Bezmialem University | Internship

06/2021 – 07/2021

Selected as one of six high school students from across the country and instructed to learn about biochemistry, microbiology, molecular biology, biotechnology, biophysics, bioinformatics, anatomy, and medical engineering.

Istanbul Sabahattin Zaim University | Internship

04/2020 – 09/2020

Worked as a laboratory assistant and involved in three research project. Conducted experiments, wrote two research papers and supported to the laboratory staff when needed. Responsibilities include: Collection and preparation of samples for analysis, organization of the laboratory environment and maintenance of technical equipment.

TÜBİTAK Project Team | Project Developer**01/2020 – 06/2020**

Developed two projects in the fields of food safety & environment for TÜBİTAK research initiative.

PAY Literary Magazine | Internship**05/2022 – 12/2022**

Worked as a junior editor. Responsibilities include: Page design of the magazine, final reading of the articles and correcting typos, inviting new authors to the magazine, determining the monthly issue.

The Waste Land Symposium | Organizer**10/2020 – 12/2020**

Organized a two-day symposium on “The Waste Land” by T. S. Eliot. Gave a presentation to 150 participants. Wrote and published an analysis of the poem.

KAIHL MUN Academy | Executive Board Member**11/2018 – 09/2022**

Started a Model UN education program for 120+ freshmen all over Turkey. Designed a curriculum that includes procedural education and case studies which lasts for eight weeks in total, and organized online workshops.

TED MED TALKS | Translator**09/2018 - 10/2019**

Translated English-language scientific presentations into the native language and prepared subtitles.

TÜRGEV | Representative**06/2018 – Present**

Arranging social/cultural events, taking care of student needs, helping to enforce the dormitory rules. Maintaining communication between students, faculty, and staff.

PROJECTS AND RESEARCHES

05/2020 – Present Oral History Research: Being “Over 65” in a Pandemic*social sciences, oral history, interviews with elderly, recording experiences, publications***03/2021 – 09/2022** Cross-Stress Resistance in *Saccharomyces cerevisiae* Cells*abiotic stress agents, Saccharomyces cerevisiae, stress response, gel electrophoresis, UV spectrophotometry***12/2021 – 01/2022** Investigation Of The Correlation Between HDI And Mortality Rates Due To Breast Cancer Before And During The Covid-19*breast cancer, Human Development Index, database, WHO, United Nations Reports, statistical testing***10/2021 – 01/2022** Developing Mathematical Optimisation Methods for Sustainable Baking*Lagrange Multipliers, the Hessian Matrix, partial derivatives, volume constraint, Tinkercad***07/2021 – 08/2021** How Does the Differing Concentration of Contact Lens Solution Affect the Refractive Index?*physics, optics, Snell's Law, refractive index, salinity, angle of minimum deviation, apex angle, lens solution***05/2021 – 07/2021** The UK's Approach Towards British Citizens on the Cyprus Island in the British Press During and After the Cyprus Peace Operation*social sciences, Cyprus, history, Hansard, The Observer, newspaper, UK Parliament achieves***12/2020 – 04/2021** A Game Theoretical-Approach For COVID-19 Vaccination by Constructing the Payoff Matrices*game theory, Nash Equilibrium, Payoff Matrices, applied mathematics, vaccination, SIR model***10/2020 – 01/2021** A Philosophical Evaluation: Within the Framework of Natural Sciences and Arts, Is It More Important to Have Credibility or Power?*philosophy, knowledge, natural sciences, arts, falsification/verification, power, credibility***02/2020 – 09/2020** TÜBİTAK Biology Project: Purifying Water with *Moringa oleifera* Seeds*Moringa oleifera, water pollution, water purification, potable water, coagulation***01/2020 – 04/2020** Projections of Christianity in the Images of the Waste Land by T. S. Eliot*literature, poem, allusions, bible, literary analysis, The Waste Land, text of the communiqué*

AWARDS & HONORS

2022 Bezmialem University Biotechnology Summer Camp	Best Participant
2022 International Youth Forum Model OIC	Best Delegation
2021 TÜBİTAK Research Projects Competition	Honorable Mention in Biology
2021 HARVARD Future Doctors Program	Best Overall Award
2020 Al Burak Association National Story Competition	Fourth Place in Turkey
2020 TÜBİTAK Research Projects Competition	Best Presentation Award
2019 Ibn-i Haldun University Winter Camp	Best Participant
2019 Istanbul Erkek German High School Model UN Conference	Outstanding Representation Award
2019 Short Movie Competition	Judge Special Award
2018 Chess Tournament	Third Place in School
2018 National High School Entrance Exam	0.94% Ranking in Turkey
2018 Regional Taekwondo Tournament	Quarter Finals

COURSES AND CERTIFICATIONS

2022 Yeditepe University- Forensic Medicine Conference
2022 HAYAT Medical Foundation- The Moral Status of an Embryo Seminar
2022 Istanbul Literature Centre- Creative Writing Workshop
2022 School of the Civilization Conception - Philosophy of Science and the Metaverse Camp
2022 School of the Civilization Conception - Film Aesthetics and Tarkovsky Camp
2022 Triangle Centre for Evolutionary Medicine (TriCEM) - Evolution of the Placenta and Placentation
2021 Turkish Language And Literature Society- Elocution Education Webinar
2021 Goethe Institute B1 German Course
2020 Harvard Medical School Open Education- Neurology for the Non-Neurologist
2020 Boğaziçi University Biotechnology Conference
2020 YALE University Open Courses - Principles of Evolution, Ecology and Behavior
2019 National Mathematics Olimpiad Trainings
2019 OkulDışı Society- Presentation Workshop
2019 Istanbul Erkek German High School Model UN Conference
2018 Information Technologies and Communication Academy Summer Camp
2018 Bilge Adam Academy Coding and Software Development Education
2018 Professional Swimming and Diving Course
2017 TRT Ankara Radio Turkish Folk Music (Solo and Choir)

EXTRACURRICULAR ACTIVITIES

Writer

11/2016 - Present

Practicing creative writing in various platforms such as my personal blog and literary magazines. Attended writing competitions and gained several awards. Compiled a “travelogue” to publish as a travel guide.

Flute Player | Band Member

08/2021 – Present

Learned how to play the flute in eight months and gave a concert for 500+ people in a classical music band.

Medical Ethics Book Club | Organizer

10/2021 – 04/2022

Gathered together with a group of six people, including two intern doctors, to read books about medical ethics and share fruitful discussions online. Examples of the books: Medicine and National Socialism(2018), On Moral Medicine (1987), Disputes on Bioethics (2020) etc.

Overseas Education Club | President

08/2021 – 06/2022

Assembled students who were interested in studying abroad to fill the position of study abroad counselor at the school. Organized collaborative studies.

Istanbul Book | Participant

09/2021 – 06/2022

Visited Istanbul's historical landmarks with the guidance of historian Dr. Sema Küçükalioglu Özkılıç. Attended presentations and seminars about art history of the city.

Fairytale Days | Organizer

09/2021 – 03/2022

Organized five consecutive "fairytale days" with my friends to discover new tales. Designed posters and present fairytales for 250+ participants.

Dictionary of Borges | Writer

12/2020 - 09/2021

While discussing Jorge Luis Borges' books with his friends, they noted the symbols that were used. Described the underlying meaning with respect to literature, film, and art using alternative etymology.

Theatre | Scenarist

05/2021 - 06/2021

Wrote a scenario for a national theatre competition. Performed at a conference to the school.

History Talks | Head

03/2020 - 08/2020

Organized conferences online about history where students prepares presentation weekly basis. Every conference is archived and recorded. The discussions examine the history of sociology, economics, and religious thought in different regions of the world. Gave presentations on “Cultural and Intellectual Life in Early Modern Europe” and “Religious Unification and Renewal in Early Modern Europe”

Taekwondo

07/2015 – 01/2018

Obtained a red belt (one level under the black belt), participated in national and regional Taekwondo tournaments.