

# AYLIN OGUZ

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## EDUCATION

### IDV Private Bilkent High School IB Double Diploma Programme

Sep 2021 – Ongoing  
Ankara, Turkey

- **Anticipated Graduation:** July 2025
- **HL:** Mathematics (Analysis and Approaches), Biology, English B
- **SL:** Turkish A, Chemistry, Environmental Systems & Societies
- **Extended Essay:** Turkish A – In Leyla Erbil's "Tuhaf Bir Kadın", how is the main character's existential struggle under the pressure of a patriarchal society conveyed through narrative conflicts?
- Also follow the Turkish Ministry of Education high school curriculum (Science - Math Concentration)

## EXPERIENCE

### AMG Chemistry Intern

Fall 2024  
Izmir, Turkey

- Completed a 1-week distanced internship at a feed and vitamin additive manufacturer located in an organized industrial zone to learn more about the quality control procedures within the food and agricultural industries to ensure human, animal and plant health
- Researched the company's held certificates of quality from the International Organization for Standardization (ISO)
- Learned about the company's integrated management systems policies that emphasize sustainability, work safety and environmentally conscious business decisions from all departments

## LEADERSHIP SKILLS

### Knowledge Exchange: Various Health Posters for School

Aug 2024 – Ongoing

- Wrote academically researched short articles on the following topics, following MLA referencing:
  - The biological role of gut microbiota in human health and disease, and how people can change their diets to gain the most benefit
- Plan to write further articles on topics of managing anxiety and mental health, introduction to food and health, and the impact of climate change on biodiversity and ecosystem services
- Design and post informatory posters at school on the articles to translate their academic language into more easily digestible tidbits to enlighten peers on the topics as well as guide them into researching the resources provided using QR codes to direct them to the full article

## ACADEMIC ENRICHMENT ACTIVITIES

### Private Algorithm Tutoring

Jun 2024 – Ongoing

- Work through computer-based logic to learn about algorithmic and abstract thinking and use this approach in solving various riddles with plans on applying this knowledge in programming in the future with C and Python

### HarvardX: Building Personal Resilience - Managing Anxiety and Mental Health

Jun – Jul 2024

- Studied neuroscientific subjects such as the functions of the prefrontal cortex and the amygdala in emotional regulation and emotional flexibility
- Learned about how cognitive behavioural therapy helps in overcoming fear and anxiety by working on changing thoughts and perspectives to influence further change in emotional regulation and behaviours

- Watched, read and analysed instructional media to learn about scientifically well-established healthy nutritional practices to get the best outcomes for both patients and medical experts through innovative educational strategies

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### **CREATIVITY, ACTIVITY, SERVICE (CAS) PROGRAMME PROJECTS**

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- Planned and organised regular weekly activities for a group of children with special needs with the aim of helping them integrate into mainstream social events and gatherings, assisted the children with their lunches as well as with their physical and recreational activities to enhance their communicative and practical skills
- Penned letters for primary school children in a village school in Balikesir and included English practices, writings and simple cartoons to enhance their English education from an early age
- Organised several bake sales for school campaigns and events such as for purchasing books for primary schools located in the earthquake zone of February 2023 to help resume their educational activities after massive material loss and for direct donations to affected families
- Went to Camlidere to hike and help with nature clean-up with cohort; apart from picking up the trash, we documented the trash accumulation and presented it to other people to raise awareness for keeping natural areas clean so that the areas can be sustained for future generations of people, flora and fauna

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### **VOLUNTEERING**

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- Volunteer to research non-disease-related health issues encountered at hospitals that touch on hygiene, anxiety, isolation and more to provide insight for the high-school-student-led project called 4M4 Storytree that aims to create and distribute a “storyteller” tree for children’s rooms in hospitals to help with recovery and morale especially for long-term patients like the survivors of the 2023 Turkey-Syria earthquake

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### **SKILLS AND HOBBIES**

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- **Language:** Turkish (Native), English (Advanced), German (Beginner)
- **Sports:** Formerly licensed volleyball player
- **Interests:** Reading books on scientific topics such as anatomy and psychiatry