



Arda Özkurt

PROFILE

A senior high school student with a passion for music, chess, cybersecurity, and math, a future neuroscientist, and a curious person who wants to see the reasons behind facts and their impacts

CONTACT INFORMATION

MOBILE: +90 543 878 59 19

LANGUAGES

Turkish – Native

English – IELTS Overall: 7.5 Listening: 8.5

Reading 8 Writing 7 Speaking 7

Spanish – Beginner

LinkedIn:

www.linkedin.com/in/arda-ozkurt-048764250

Medium(published article):

<https://medium.com/@arda.ozkurt/an-alga-will-cure-your-alzheimers-disease-e73b73556c83>

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INTERESTS

Neuroscience

Piano

Drums

Chess

Math

Research

Cybersecurity

EDUCATION

Hisar School

2020 – 2025 (estimated graduation date: June 2025)

Full-ride merit scholarship

AP Physics1 – **5**

AP Chemistry - **5**

AP Calculus AB - **5**

AP Macroeconomics - **5**

AP Calculus BC - **5**

AP Psychology - **5**

AP Biology - **5**

AP Statistics - **5**

AP Physics C: Electricity and Magnetism - May 2025

AP Computer Science A - May 2025

CERTIFICATES, AWARDS & RESEARCH ARTICLES

2024 September Published two essays titled "The Problem of Bias" and "Optogenetics: Illuminating the Secrets of the Brain" on Hisar's fifth volume of student writing

2024 July Presented a poster titled "OxPal: Empowering Children with Stress Regulation through Biofeedback" at the 26th International Conference on Human-Computer Interaction (HCI)

2024 June Completed "Computational Neuroscience" Coursera program, University of Washington

2023 October Achieved Recognition Certificate for the presentation titled, "Different Approaches in Hemispheric Specialization in the Perception of Auditory Stimuli" at the 8th Edition of International Conference on Neurology and Brain Disorders by Magnus Group Conferences

2023 August Completed "Sleep: Neurobiology, Medicine, and Society" Coursera program with Honors, The University of Michigan

2023 August Completed "Understanding the Brain: The Neurobiology of Everyday Life" Coursera program, The University of Chicago

2023 July Completed the Pioneer Research program with Grade A in the field of Neuroscience of Inner Perception via writing the article, "The Examination of the Classical Domain-Related and the Parameter-Specific Approaches in Hemispheric Specialization"

2023 July Achieved Seizure Recognition and First Aid Certificate by the Epilepsy Foundation of America

2023 June Achieved Recognition Certificate for the 7th Edition of International Conference on Neurology and Neurological Disorders by Magnus Group Conferences with a poster presentation titled, "Optogenetics on Nonhuman Primates"

2022-2023 Achieved Hisar School Extended Learner Certificate

2022 Achieved London College of Music Grade 8 Certificate of Distinction in Drum Kit (**85/100**)

2021 Completed "Biomedical Engineering: Solving the Body's Challenges with Technology" Course, University of Rochester

2021 Completed "Personalized Medicine: Customizing Care through Genetics" Course, University of Rochester

2019 Achieved London College of Music Grade 4 Certificate of Distinction in Piano

2021-2024 Hisar School Certificate of Merit

WINTER & SUMMER SCHOOLS & INTERNSHIPS

2024 June-August Completed "Neurobiology (BIOS S-50)" & "Neuroscience of Learning: An Introduction to Mind, Brain, Health, and Education (PSYC S-1609)" Courses with a grade of "A" at the Secondary School Program at Harvard

2024 January-February Completed "Psychology in Life and as a Profession" Kadir Has University Winter School for High School Students

2024 November-January Completed "Cognitive Neuroscience Research Internship Programme" Acibadem University

2023 August Internship at Bogaziçi University in Biomedical Engineering

2023 June-July Completed Columbia University Pre-College Program: Introduction to Neuroscience: Understanding the Brain

2023 January-February Completed "Brain Science, Artificial Intelligence and Neuroscience: Science of the Future" Kadir Has University Winter School for High School Students

2022 July Completed Cambridge University Summer Course: Biotechnology and Genetics

EXTRACURRICULAR ACTIVITIES & VOLUNTEER WORK

2023-2024 Knowing Neurons Club Founding Member and Copresident at Hisar School

2022-2024 Cybersecurity Club Leader

2022-2024 Social Responsibility and Community Services (100+ Hours) at Hisar School

2021-2024 First Robotics Competition (FRC) Member

2021-2022 Interact Club Member

2021-2022 Teaching chess to second grade students at a public middle school

2024 February Cybersecurity and Artificial Intelligence (AI) Presenter at the American Community School (ACS) Summit in Greece for Middle School Students

2023 December Cybersecurity Presenter at the 10th Coding Summit at Hisar School for Middle and High School Students

2023 February Cybersecurity Presenter at the American Community School (ACS) Summit in Greece for Middle School Students

2022 May Cybersecurity Presenter at the 9th Coding Summit at Hisar School for Middle and High School students

2021 Cybersecurity Presenter at the 8th Coding Summit at Hisar School for Middle and High School Students
