

Aleksandar Danchev

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EDUCATION

Diploma za Sredno Obrazovanie

High School for Natural Sciences and Mathematics "Geo Milev" [September 15th 2017 – May 15th 2024]

City: Stara Zagora, Bulgaria | **Website:** <https://pmgsz.com>

Field of study: Software and Hardware Technologies (Mathematics, Computer Science, and IT)

LANGUAGE SKILLS

Mother tongue: Bulgarian

Other languages:

English

Cambridge Certificate in Advanced English

October 19 2024

Total – 203/210 (C2)

Reading – 210/210 (C2)

Use of English – 210/210 (C2)

Writing – 186/210 (C1)

Listening – 208/210 (C2)

Speaking – 202/210 (C2)

Duolingo English Test

December 21 2024

Overall Score – 150/160 (C1)

Speaking – 145/160 (C1)

Writing – 160/160 (C2)

Reading – 135/160 (C1)

Listening – 150/160 (C1)

SAT (Scholastic Assessment Test)

November 1 2024

Total Score – 1500/1600

Reading and Writing Score – 740/800

Math Score – 760/800

HONOURS AND AWARDS

Note: The date format used is DD/MM/YYYY

[30/07/2024] Asia International Mathematics Olympiad

Silver Award

The Asian International Mathematics Olympiad (AIMO) is an annual international mathematics competition founded in Hong Kong and held in various countries across Asia. The 2024 edition, in which I participated, was held in Seoul, South Korea.

[01/07/2024] Lodovico Ferrari Algebraic Equation Solving Tournament

Silver Award

The Lodovico Ferrari Algebraic Equation Solving Tournament is an international competition focused on solving complex algebraic equations. The finals are hosted in Nesebar, Bulgaria.

[30/06/2024] Mathematics Without Borders (Team competition)

Bronze Award

The Asian International Mathematics Olympiad (AIMO) is an annual international mathematics competition founded in Hong Kong and held in various countries across Asia. The 2024 edition, in which I participated, was held in Seoul, South Korea.

[23/06/2024] Zarahack by IT Stara Zagora

Second Place Winner

A project for the development of smart devices that was originally pitched at the hackathon Zarahack. We were awarded with 350€ for its development by IT Stara Zagora. We developed our own models for earthquake detectors, more specifically, ones that protect dams.

[24/05/2023] Euroscola at the European Parliament in Strasbourg

Bulgarian representative at Euroscola 2023

Euroscola is a EU decision-making simulation for high school students. Together with a group of Bulgarian students we represented our nation in the simulations.

[31/01/2023] Municipality of Stara Zagora

Young Zagora in the field of Sciences and Education

As the president of the Debate Club in Stara Zagora, I was awarded for the highest contribution to the development of an initiative-driven and united youth community for the 2023/2024 school year.

[05/07/2022] Mathematics Without Borders (Team competition)

Bronze Award

Mathematics Without Borders is an international Mathematics competition established in 2013. The finals are hosted in Nesebar, Bulgaria, and consist of two parts: an individual round and a team round.

[08/08/2021] Mathematics Without Borders (Individual competition)

Gold Award + 3rd place in overall ranking

Mathematics Without Borders is an international Mathematics competition established in 2013. The finals are hosted in Nesebar, Bulgaria, and consist of two parts: an individual round and a team round.

[17/08/2020] Mathematics Without Borders (Individual competition)

Silver Award

Mathematics Without Borders is an international Mathematics competition established in 2013. The finals are hosted in Nesebar, Bulgaria, and consist of two parts: an individual round and a team round.

[18/07/2019] World Mathematics Invitational

Merit Award

The World Mathematics Invitational (WMI) is the first international competition founded by Taiwan. The 2018 edition, in which I participated, was held in Fukouka, Japan.

[02/07/2019] Mathematics Without Borders (Team competition)

Bronze Award

Mathematics Without Borders is an international Mathematics competition established in 2013. The finals are hosted in Nesebar, Bulgaria, and consist of two parts: an individual round and a team round.

[30/07/2018] International Junior Math Olympiad

Gold Award

The International Junior Math Olympiad (IJMO) is an international mathematics competition which is held annually in different countries across Asia. The 2018 edition, in which I participated, was held in Bangkok, Thailand.

[16/07/2018] World Mathematics Invitational

Bronze Award

The World Mathematics Invitational (WMI) is the first international competition founded by Taiwan. The 2018 edition, in which I participated, was held in Seoul, South Korea.

[16/07/2018] Mathematics Without Borders (Team competition)

Silver Award

Mathematics Without Borders is an international Mathematics competition established in 2013. The finals are hosted in Nesebar, Bulgaria, and consist of two parts: an individual round and a team round.

EXTRACURRICULAR ACTIVITIES

President of the Debate Club at the Center for Personal Development in Stara Zagora

Took part as a member during the 2022/23 school year, served as vice president during 2023/24, and as president during 2024/25. Hosted the Zagora Open 2024 debate competition (November 15–17, 2024) and will host two more (it is the winter of 2025 as this is being written): Ustata Open 2025 (April 25–27, 2025) and Zagora Open 2025 (May 30 – June 1, 2025). Advanced to the final rounds of NBU Open 2025. Organized outdoor debates during the summer of 2023. Arranged debates in Philosophy classes for younger students at *Geo Milev* High School. Organized a total of nine public debates on a variety of topics at Regional Library *Zahari Knyazheski* and Radio *Stara Zagora*.

More information can be found at @klubdebati_stz on Instagram.

Founder and president of the Rhetoric Club in Stara Zagora

Together with Zdravko Tenev, Nikola Minchev, and Ivan Angelov, we founded the club *Mlad Orator* (Young Orator) in August 2023. As of now (winter of 2025), the club has had a little over 200 participants aged 13 to 19. We published our handbook on rhetoric aimed at students and are currently working on a second edition. We organized educational tours to six Bulgarian cities in collaboration with their local youth centers (Pernik, Montana, Vratsa, Burgas, Dobrich, and Plovdiv). Additionally, we held four full-day workshops at the International Youth Center of Stara Zagora (January 22, 2024; April 13, 2024; April 27, 2024; and January 18, 2025).

More information can be found at @mlad_orator on Instagram.

Founder and educator of the students' Mathematics Club at Geo Milev High School

In October 2024, I founded a fully student-run mathematics club at my school. The club meets once a week, and its goal is to assist 11th and 12th graders in preparing for the State Maturity Exams while also expanding their interest in mathematics.

Member of the Mathematics academy at the Center for Personal Development in Stara Zagora

In the Mathematics academy we prepare for local and international competitions. The students are between the 8th and 12th grade. The academy's tutor is Lyubomir Lyubenov.

Member of the Youth Municipal Council of Stara Zagora

I am one of the three elected representatives to the Youth Municipal Council for the approximately 800 students at Geo Milev High School. We organize about 30 initiatives annually, including the following: a Saint Valentine's Day play that raised \$525 for earthquake relief in Türkiye; the *Dari, za da zaradvash* (Share to Bring Smiles) campaign, through which we collect about 1,000 kg of food each year; and park restoration projects in *Artileriyski* and *Banya Piperka*.

Member of the Student Council at Geo Milev High School

I am one of the two elected representatives to the Student Council for my class. We organize over 10 initiatives annually, some of which are: quizzes for middle schoolers, the chess tournament *Matematchesko Konche* (Mathematical Horse), *Week Of The Sciences*, and sweet or savoury marketplaces for charity.

DRIVING LICENSE

Driving Licence: AM 5 Nov 2024 – 5 Nov 2034

Driving Licence: B1 5 Nov 2024 – 5 Nov 2034

Driving Licence: B 5 Nov 2024 – 5 Nov 2034