

Nguyen Tran Bach

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Education

International Computer High School of Bucharest

Current GPA 9.94/10

Bucharest, ROU

Class of 2021

Programming languages.....

C, C++, HTML, and \LaTeX .

Academic Summer Camps.....

Maths Beyond Limits

University and Olympiad Mathematical Subjects

Milówka, POL

September 2018

Gazeta Matematică și **Viitoriolimpici.ro**

Olympiad Mathematics

Câmpulung Muscel, ROU

August 2016, 2017, 2018

Stanford Pre-Collegiate Summer Institutes

Logic and Problem Solving

California, USA

July – August 2017

Experiences

Teaching.....

Preparation for JBMO

Mentor

ICHB

October 2017 – present

Currently training middle school students, from my school, for the Junior Balkan Mathematical Olympiad (3 hours a week). Present the theory needed for JBMO, including the TSTs, while also providing constructive problems related to the topics discussed. Reference: Lioara Ivanovici.

Gazeta Matematică și **Viitoriolimpici.ro**

Teaching Assistant

Câmpulung Muscel, ROU

August 2018

Taught the **Legendre and Jacobi Symbols**. Reference: Dr. Andrei Eckstein.

Volunteer.....

Stars of Mathematics: Grader

Part of the grading team for the Junior Category. Reference: Flavian Georgescu.

December 2017

Miscellaneous.....

6th edition of the European Mathematical Cup

Local Organizer

Bucharest, ROU

December 2017

Created a **Facebook page** and advertised the contest across the country by sending letters to students and math teachers. Booked the location for the event. Designed digitally the exam folders and diplomas. Gathered volunteers (students and professors) to form the grading team, including myself. Translated from English to Romanian both the solutions of the contestants and the problems. Obtained funds from sponsors.

Selected Competition Awards

- **International Tuymaada Olympiad in Mathematics, Physics, Chemistry and Informatics**
2018: Gold Medal and Special Prize, 2nd place, 46/56 points
- **Junior Balkan Mathematical Olympiad**
2017: Gold Medal, 2nd place, 37/40 points 2016: Silver Medal, 27th place, 23/40 points
- **Romanian National Mathematical Olympiad**
2018: Gold Medal, 5th place, 14/28 points
2017: Gold Medal, 3rd place, 24/28 points 2016: Gold Medal, 1st place, 28/28 points
2015: Gold Medal, 2nd place, 26/28 points 2014: Gold Medal, 7th place, 23.5/28 points
- **Romanian National Computing Olympiad**
2015: Gold Medal, 3rd place, 252/300 points 2014: Silver Medal, 5th place, 167/300 points
2013: Bronze Medal, 27th place, 62/300 points
- **Romanian National Physics Olympiad**
2016: Bronze Medal, 46th place, 24.75/50 points