

Rafael Ketsetsides

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Education

Mandoulides High School
Graduating 2016
GPA - 19.5 out of 20

Thermi - Thessaloniki

Language Proficiency

Greek (mother tongue)

English (second language)

Examination for the Certificate of
Competency in English

Examination for the Certificate of Proficiency
in English

TOEFL (pending)

SAT Reasoning

Examinations/ Certificates

**Examination for the Certificate of Competency in
English (ECCE)**

Pass

**Examination for the Certificate of Proficiency in
English (ECPE)**

High Pass

TOEFL

117 (30 - 30 - 28 - 29)

SAT Math Subject Test Level 1

800

SAT Math Subject Test Level 2

800

SAT Physics Subject Test

800

SAT Reasoning

2160 (630 - 800 - 730)

Entrepreneurial Skills Pass Certificate (June 2014)

Volunteering

Participation in the school's volunteering program

Tutoring younger students in a student support program

Volunteering at the World Rowing 2014 competition in Thessaloniki

Current teacher at school's preparatory course for the National Informatics Competition

Competitions

Mathematics

- **Bronze Medal** in the 32nd **Balkan Olympiad in Mathematics** in Athens, Greece (Gained entry at all Greek University undergraduate studies involving mathematics) *May, 2015*
- Participation with National Mathematical Team in 17th **Junior Balkan Olympiad in Mathematics** in Antalya, Turkey *June, 2013*
- **Gold Medal - First Prize** in the final phase of the Greek National Olympiad in Mathematics *February, 2013*
- Participation in final phase of National Olympiad in Mathematics *February, 2014*
- **First prize** in the first and second phase of the Greek National Olympiad in Mathematics *2013*
- **First prize** in the first and second phase of the Greek National Olympiad in Mathematics and participation in the final phase *2012*
- **Bronze Medal - Third Prize** in the final phase of the Greek National Olympiad in Mathematics *2015*
- 3rd European Mathematical Cup - **Gold Medal** *2015*

Informatics

- Participation with the National Informatics Team in XXI **Balkan Olympiad in Informatics**, Sarajevo, Bosnia-Herzegovina *September 2013*
- Participation with the National Informatics Team in VII **Junior Balkan Olympiad** in Informatics, Shumen, Bulgaria *November 2013*
- Participation with the National Informatics Team in VI **Junior Balkan Olympiad** in Informatics, Ohrid, FYROM *August 2012*
- Participation in the final phase of Greek National Olympiad in Informatics and the National Informatics Camp - 6th place in Greece. *2014*
- Participation in the final phase of Greek National Olympiad in Informatics and the National Informatics Camp - **1st place** in Greece *2013*
- Participation in the final phase of Greek National Olympiad in Informatics and the National Informatics Camp - **3rd place** in Greece *2012*

Physics

- Honorable mention in Greek National Physics Competition *2014*

- Honorable mention in Greek National Physics Competition 2013
- **1st place** in Greek National Physics Competition 2012

Astronomy

- Participation in Greek National Astronomy Competition – reached third (out of four) phase 2014
- **9th place** in Greek National Astronomy Competition (final phase) 2013
- **6th place** in Greek National Astronomy Competition (final phase) 2012

Biology

- **3rd place** in Greek National Biology Competition 2014

Music

- **3rd honorable mention** in the 1st Greek National Music competition for soundtrack composition 2015
- **1st place** in a Libretto composition competition (the operetta based on the Libretto was staged in the Athens Opera) 2011

Conferences

- Participation (merit) in the “Ask the neuroscientists” conference/competition by the Eugene Foundation *March 2012*
- Participation in the 11th International conference on Nanosciences and Nanotechnologies (NN14)** *July 2014*
- Participation in the 8th International Summer Schools “N&N, Organic Electronics & Nano medicine”(ISSON 14).** Participated successfully in the final exams and graded with C and acquired 3 ECTS points. *July 2014*
- Will present paper in **Undergraduate Student Conference** by the Applied Informatics department of the University of Macedonia *November 2015*

Music studies

- Nine years studies in Viola, Piano, and theoretical music study (History of Music, Study of Harmony, Solfege/Dictee)
- Amateur musical saw player
- School orchestra member
- Several compositions (see <https://soundcloud.com/rafael859>)

Other

Publications in the school magazine (Flame)	<i>2013-2014- 2015</i>
Translation from English to Greek of the book "An illustrated book of Bad Arguments", by Ali Almosawi (https://bookofbadarguments.com/gr/)	<i>2015</i>
Attendance and acquisition of certificate of accomplishment from Cryptography I class (by Stanford University) on Coursera	<i>2015</i>
Invitation (among 100 students internationally) and participation at Winter Computer Camp 2015 in the Moscow Institute of Physics and Technology (MIPT) in Dolgoprudny, Moscow	<i>March, 2015</i>
Internship in Hyphen SA as a web designer and curriculum planner for the Young Pioneers Project	<i>July, 2015</i>
Attendance to a European Parliament plenary sitting at Strasburg and discussion with members of the European Parliament (school activity)	<i>October, 2015</i>
Several problems solved and submitted at http://spoj.com/users/rafael859 and http://codeforces.com/profile/rafael859	