

GABRIELA KUNOVA CHAVGOVA

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PERSONAL INFORMATION

Address: **Trakiya building 181, Plovdiv, Bulgaria**

Cell: **+359 88 465 8755**

Date of Birth: **March 1, 2003**

Citizenship: **Bulgaria**

ACADEMIC INFORMATION

High School: **Akad. Kiril Popov High School of Mathematics**

High School Address: **"Chemshir" No.11, Plovdiv**

URL: <https://www.omg-bg.com/>

Student graduation date: **May 2022**

Student GPA (unweighted): **6.00** (2.0-6.0 scale)

TEST SCORES

SAT General: **1430** (Math: 770 | EBRW: 660)

SAT Essay: **14** (R: 4 | A: 4 | W: 6)

Duolingo: **125**

iBT TOEFL: **102** (R: 28 | L: 29 | S: 23 | W: 22)

LANGUAGES

Bulgarian language	mother language
English language	fluent speaker
German language	beginner

CURRICULUM 11th GRADE

Subject	Hours per Week
Profiling English Modules (Language Through Literature, Oral & Written Communication, Culture & Intercultural Communication)	5
Profiling Mathematics Modules (Geometry, Mathematical Analysis)	5
Profiling Informatics Modules (Object Oriented Design & Programming, Data Structures & Algorithms)	5
Profiling IT Modules (Data Processing & Analysis, Multimedia)	5
Bulgarian Language	3
English Language	2
German Language	2
Mathematics	2
Physical Education	2
Civil Education	1

COURSEWORK

- ★ **IT Career** - 3-year IT programming course provided by the Bulgarian Ministry of Education and Science (OOP, SQL Databases, C#, Data Structures & Algorithms)
- ★ **Summer Research School (SRS)** of Mathematics and Informatics 2020 & 2021; certificate and award
- ★ **X-Culture** International Business Collaboration 2019 (international team project – real company marketing and business solutions) – theory and practice; certificate and award
- ★ **Space Camp NASA** – international NASA camp in Turkey – principles of aerospace technology and space exploration

COLLEGE COURSES & MOOCS

- ★ "Algorithms: Design and Analysis" 2021- Stanford Online (edX)
- ★ "Introduction to Internet of Things" 2020 - CurtinX (edX)
- ★ "Python Fundamentals" - Software University 2019, certificate
- ★ "C# Basics" - Software University 2019, certificate

ACADEMIC AWARDS, HONORS, AND ACHIEVEMENTS

✦ INFORMATICS, IT & COMPUTER SCIENCE

- ★ Chosen for **MILSET Expo-Sciences Europe 2022** in Romania with current research project
- ★ "Education and Research in the Information Society 2021" Conference - **"Best Young Researcher Study"** award for joint work "Mixed Realities Future Security Outlook"
- ★ **Regeneron ISEF 2021** - International Science and Engineering Fair – **2nd GRAND AWARD**
- ★ Innovation Science Fair 2021 – **First Prize** (chosen for **ISEF 2021**); **APA award** for project in Phycology
- ★ XXI Student Research Conference 2021 – Institute of Mathematics and Informatics (Bulgarian Academy of Sciences), **Excellent performance and medal**
- ★ Student Scientific Session 2020, 2021- Student institute of the Bulgarian Academy of Sciences, **First prize and excellent performance**
- ★ XX Student Research Conference 2020, 2021, 2022 (Young Research Session) – Institute of Mathematics and Informatics (Bulgarian Academy of Sciences), **Excellent performance award, medal, "Excellent Applied Innovation Project in Informatics"** (Secure Digital Future 21 special informatics international) **award**
- ★ Competition "Young Inventors" 2020 & 2021, foundation "Minu Balkanski", **2nd place**
- ★ Summer Research School (SRS) of Mathematics and Informatics 2020, **Excellent and innovative research project**
- ★ National Spring IT Tournament 2020 (University of Veliko Tarnovo), **2nd place and excellent performance award**
- ★ National Information Technologies Olympiad 2020 "Application programs", **4th place**

✦ MATHEMATICS

- ★ XXIX Math Tournament "Chernorizec Hrabyr" 2020, **1st place (Gold)**
- ★ International Tournament "Mathematics Without Borders" 2020 – **3rd place**
- ★ National Easter Math Competition 2019, **2nd place (Silver)**

- ★ **AIMO** 2019 - Asia International Mathematical Olympiad, **Gold Award**
- ★ International Tournament “Mathematics Without Borders” 2019 – **3rd place**
- ★ **HKIMO** - Hong Kong International Mathematical Olympiad 2018 **in Hong Kong, Silver Award**
- ★ **HKIMO** - Hong Kong International Mathematical Olympiad Heat Round 2018 & 2019, **Silver Awards**
- ★ **SASMO** - Singapore and Asian Schools Math Olympiad 2018, **Bronze Award**
- ★ **WMTC** - World Mathematics Team Championship 2018, **Bronze Award** (individual)
- ★ XXVII Math Tournament “Chernorizec Hrabur“ 2018, **3rd place (Bronze)**
- ★ International TEAM Tournament “Mathematics Without Borders” 2017 – **1st place**
- ★ **SIMOC** - Singapore International Math Olympiad Challenge 2017 **in Singapore, Bronze Award**

✧ **BUSINESS, SPORT & OTHERS**

- ★ Chosen to be the delegate of Bulgaria at the **International Swiss Talent Forum 2022**
- ★ **Yale Book Award** Bulgaria 2021
- ★ **Education USA** Opportunity Funds – Grant Scholarship, 2021
- ★ **X-Culture** International Collaboration Project (international business team project) [1113 teams, 4799 participants, 70 countries], “**X-Culture best team 2019**”
- ★ “**Excellent performance of the high school at international, national, and regional competitions**” – school award 2015-2021
- ★ **National Olympiads** – IT 2015-2021 (National level 2020&2021), Mathematics 2015-2020, Informatics 2015-2018, Physics 2016-2018, Astronomy 2017-2018, English 2020;
- ★ **Space Camp NASA** – Turkey 2014

EXTRACURRICULAR ACTIVITIES

✧ **SCIENCE**

- ★ **Machine/Deep learning** research – “Emotion Recognition with Audio Feature Extraction and Convolutional Neural Networks”
- ★ **AI** development – AI assistant recognizing emotions
- ★ **Robotics** – started from scratch and made a wireless Arduino robot with educational purpose; 3D modeled and printed the body of the robot
- ★ **IT** career – a 3-year IT programming course provided by the Ministry of Education and Science
- ★ **X-Culture** Academy program 2019 – international theoretical and practical team business experience
- ★ **Lecturer** during “Digital Competence 2018” together with another girl in the sphere – we presented a NAO robot – programming it and its mechanics

- ★ **Robotics Club** – 2015-2018, advanced group; NAO robot, python, chosen to be a representative lecturer

✧ **SPORT & OTHERS**

- ★ **3D modeling and printing**
- ★ **Teqball** – new sport; became the first woman on the national Bulgarian Teqball team; participated in the **Teqball World Cup 2019** in Hungary
- ★ **Acting classes** - Cinema (6-month certified course, applied and accepted) 2020 – modules: “Creative thinking”, “Improvisation”, “Rhythms”, “Vocal”, “Acting - drama” – developed communication skills, public speaking, and the ability to express; **signed a contract with the acting company** to represent me; took part in a **teen TV show**

LEADERSHIP

- ★ Organized, prepared, and taught “**Robotics and AI**” **summer club at school 2021**
- ★ Chosen by the **director** to **present my high school** with my projects on the **annual innovation forum** “I am changing my school” 2020
- ★ During the **X-Culture** training and competition, organized of the work of our team, did research, wrote parts of the report, and edited the final report
- ★ Became **the first woman** on the national **Teqball** team of Bulgaria (2019)

SPECIAL SKILLS

- ★ Blender, Autodesk Fusion 360, Photoshop, Audacity, Video editing, Microsoft office
- ★ Robotics, Machine Learning
- ★ Python, C#, SQL, HTML
- ★ Research, Presenting skills
- ★ 3D Modelling and Printing

COMMUNITY SERVICE

- ★ **People to People International** – volunteering in the PTPI community since 8th grade; participated in & organized workshops and events; hosted two girls from Kosovo during the PTPI European Conference 2019 in Bulgaria and helped with the organization of the international event
- ★ **Taught Robotics** to kids with my RoboBuba robot
- ★ **Taught Lego robotics** to kids in a childcare center
- ★ **Donating** Bulgarian “martenizi” annually to a nursing home

INTERESTS & HOBBIES

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- Sports – Teqball, Tennis, Table Tennis, Soccer
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- Traveling, Learning about other cultures
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- 3D Modelling and Printing
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- Volunteering, Civic engagement
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