

Ervin Macić

HIGH SCHOOL STUDENT · SOFTWARE ENGINEER

Vogošća, Sarajevo, Bosnia and Herzegovina

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“Find what you love and let it kill you.”

Education

Druga gimnazija Sarajevo

HIGH SCHOOL

- Mathematics and Computer science curriculum

Sarajevo, Bosnia and Herzegovina

Sep. 2019 - PRESENT

Skills

Math Math olympiads, University math

Programming C++, Python, LaTeX, Lean, JAVA, Kotlin

Web Django with Python, Express with Node.JS, HTML5, CSS, JS

Languages Bosnian, English, German

Art Piano

Experience

Isaac Code

SOFTWARE ENGINEER TRAINEE

- Researching Convolutional Neural Networks and implemented in .NET a classification model for cattle.

Sarajevo, Bosnia and Herzegovina

Feb. 2021 - PRESENT

Mladi nadareni matematičari "Marin Getaldić"

PARTICIPANT

- Week long computer vision project which we worked on. Mainly focused on the theoretical part of machine learning, with a finished project at the end.

Ogulin, Croatia

Aug. 2021

Maths Beyond Limits

PARTICIPANT

- One of the most prestigious maths camps in Europe. Gained a new view of university and research math. First time learning Lean.

Milówka, Poland

Sep. 2021

Extracurricular Activity

Lecturing: Preparatory camp for the Middle European Math Olympiad

CORE MEMBER

- Gained expertise in lecturing and problem setting.
- Configuring problems for mock exams and grading them.
- Experience parallel presenting online and onsite.

Sarajevo, Bosnia and Herzegovina

Aug. 2021

Android course of app development

MEMBER

- Focused on creating a project in Kotlin.
- Improved team skills through peer-to-peer assessments.
- Direct practical use and deployment.

Sarajevo, Bosnia and Herzegovina

Sep. 2020 - Sep. 2021

Community service (DKU)

VOLUNTEERING

- Over 40 hours of community service which involved many charity activities and fundraisers.
- Organizing many events to help the community.

Sarajevo, Bosnia and Herzegovina

Sep. 2019 - PRESENT

Music school "Mladen Pozajić"

Sarajevo, Bosnia and Herzegovina

STUDENT

Sep. 2015 - Sep. 2019

- Piano, Solfeggio and choir classes three times a week.
- Playing on many concerts and competing in piano competitions.

Druga gimnazija Sarajevo IT club

Sarajevo, Bosnia and Herzegovina

PARTICIPANT

Sep. 2019 - PRESENT

- Club ran by IOI medalists about olympiad informatics.
- As part of the club, in March of 2020 we went on a professional excursion to visit and see first-hand Google's and Siemen's headquarters in Munich, Germany.

Honors & Awards

INTERNATIONAL

2021	Bronze medal , International Math Olympiad	<i>St. Petersburg, Russia</i>
2021	Silver medal , Balkan Math Olympiad	<i>Online, Cyprus</i>
2021	Silver medal , International Olympiad of Metropolises	<i>Moscow, Russia</i>
2020	First prize , European Mathematical Cup	<i>Zagreb, Croatia</i>
2019	Bronze medal , Junior Balkan Math Olympiad	<i>Agros, Cyprus</i>
2019	Bronze medal , Iranian Geometry Olympiad	<i>Iran</i>
2020	Silver medal , Iranian Geometry Olympiad	<i>Iran</i>
2021	Bronze medal , Iranian Geometry Olympiad	<i>Iran</i>

DOMESTIC

2021	3rd place , Bosnian Mathematical Olympiad	<i>BiH</i>
2019	3rd place , Junior Bosnian Mathematical Olympiad	<i>BiH</i>
2021	1st place , Regional olympiad in mathematics	<i>BiH</i>
2020	Honor of the city of Sarajevo ,	<i>BiH</i>
2020	1st place , Regional olympiad in mathematics	<i>BiH</i>
2019	2nd place , Regional olympiad in mathematics	<i>BiH</i>
2017	2nd prize , Regional piano competition	<i>Mostar, BiH</i>
2017	3rd prize , Regional piano competition	<i>Sarajevo, BiH</i>

Writing

Ervin Macić - Blog

Portfolio site

FOUNDER & WRITER

Jan. 2022 - PRESENT

- Writing interesting problems in math and other fields. Aimed at olympiad math.