



# Petar Matišić

## Curriculum Vitae

*"Look deep into nature and you will understand everything better." – Albert Einstein*

### About me

Petar Matišić was born on 24 April 2001 in the city of Livno, Bosnia and Herzegovina. Since his young years, he has been living in Gornji Vakuf-Uskoplje (B&H), where he attended elementary and high school. After finishing elementary school, he enrolled in an electrical engineering high school, thus following his goal from an early age - to be an computer scientist. After excellent success in high school, he began to upgrade his knowledge after enrolling at the Faculty of Organization and Informatics in Varaždin, University of Zagreb. He is currently in his first year of graduate university study of informatics. His fields of interest in the context of research are various areas of computer science, such as deep learning and computer vision. Along with his academic education, he is an active member of the local and international society, with a volunteering and active youth work.

### Education

- 2022– **Master of Informatics**, *The University of Zagreb, Faculty of Organization and Informatics*, Varaždin.  
Specialized in Information and Software Engineering, expected passing year – 2024.
- 2019–2022 **Bachelor of Science in Information Technology**, *The University of Zagreb, Faculty of Organization and Informatics*, Varaždin.  
Specialized in Information Systems.
- 2015–2019 **High School Diploma in Electrical Engineering**, *High School Uskoplje*, Gornji Vakuf-Uskoplje, *CGPA - 5.00/5.00*.  
Specialized in Power Engineering.

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## ■ Bachelor Thesis

Title *Computer Vision and Object Recognition Using the OpenCV Library*  
Supervisors Bogdan Okreša Đurić, Ph.D. & Associate Professor Markus Schatten, Ph.D.  
Description This paper deals with the theoretical foundations of classical problems of computer vision, image processing and machine vision for determining certain objects, features or activities such as hand detection and its actions.

## ■ Awards

2019 STUDENT OF THE GENERATION  
Ministry of science, education, youth, culture and sports, Central Bosnia Canton, Federation of Bosnia and Herzegovina  
The highest value of the high school award, according to the overall grade point average and according to the upbringing and educational contribution during the all four high school classes.

## ■ Technical skills

Programming language C/C++, PYTHON, C#, PHP, JAVASCRIPT  
Platforms / Frameworks .NET, ASP.NET, jQuery, MediaPipe, TensorFlow, OpenCV  
Database MS SQL Server, MySQL, PostgreSQL  
Development Tools Visual Studio, VS Code, Atom, SQL Server Management Studio, MySQL Workbench, DataGrip  
Office tools MS Office, L<sup>A</sup>T<sub>E</sub>X, Adobe Photoshop, Linux

## ■ General Skills

Interpersonal skills by nature friendly, creative in problem solving, quite good at public speaking and presenting  
Driving licence B category

## ■ Languages

Croatian	<b>Native</b>	
English	<b>Intermediate</b>	B2
German	<b>Intermediate</b>	B2

## ■ Interests

Personal	<b>Elementary Music School "Jakov Gotovac", Novi Travnik</b>	Grade: 4.6/5.0
	Trained & played football as a goalkeeper for 13 years.	

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