Andrej Marković

ABOUT ME

My name is Andrej Marković, and I am currently a PhD student in Sustainable energy and technologies at Free University of Bolzano. My passion for engineering and technology has motivated me to pursue higher education and expand my knowledge and skills in this eld. I believe that mechanical engineers are key drivers of technological advancement and can create change through their ideas and innovations. In the future, I hope to engage in entrepreneurial projects and contribute to the development of innovative solutions in the industry.

WORK EXPERIENCE

Università Politecnica delle Marche (UNIVPM)

City: Ancona | **Country:** Italy

[11/03/2024 – 10/07/2024] **Intern**

- Developing and optimizing hydrogen storage in metal hydrides with Python
- Conducting research and analyzing scientific literature on hydrogen technology

Faculty of Mechanical Engineering, University of Sarajevo

City: Sarajevo | **Country:** Bosnia and Herzegovina

[2021 – 2022] **Teaching Assistant at the University**

- Conducting tutorial sessions for students.
- Providing exam preparation sessions for students.

EDUCATION AND TRAINING

[2015 – 2019] **High School Diploma**

Third Gymnasium Sarajevo   https://treca-gimnazija.edu.ba/

City: Sarajevo | **Country:** Bosnia and Herzegovina |

[2019 – 2022] **Bachelor of Science in Mechanical Engineering**

Faculty of Mechanical Engineering, University of Sarajevo   https://mef.unsa.ba/

City: Sarajevo | **Country:** Bosnia and Herzegovina |

[2022 – Current] **Master of Science in Mechanical Engineering**

Faculty of Mechanical Engineering, University of Sarajevo   https://mef.unsa.ba/

City: Sarajevo | **Country:** Bosnia and Herzegovina |

[01/11/2024 – Current] **PhD in Sustainable Energy and Technologies**

Free University of Bozen-Bolzano   https://www.unibz.it/it/

City: Bolzano | **Country:** Italy | | **Level in EQF:** EQF level 8

LANGUAGE SKILLS

Mother tongue(s): Croatian , Bosnian , Serbian

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

German

LISTENING B1   **READING** B1   **WRITING** B1

SPOKEN PRODUCTION B1   **SPOKEN INTERACTION** B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Microsoft Office | AutoCAD | Revit | Matlab | Python

HONOURS AND AWARDS

[2022]   **Silver Badge for Bachelors degree Awarding institution:** University of Sarajevo

The Silver Badge is awarded by the University of Sarajevo for outstanding academic achievement. This prestigious recognition is given to students who have maintained a GPA above 9.0, demonstrating exceptional dedication and excellence in their studies.

[2024]   **Silver Badge for Master's degree Awarding institution:** University of Sarajevo

The Silver Badge is awarded by the University of Sarajevo for outstanding academic achievement. This prestigious recognition is given to students who have maintained a GPA above 9.0, demonstrating exceptional dedication and excellence in their studies.