



Emina Međedović

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ABOUT ME

Environmental Protection Engineer

WORK EXPERIENCE

Internship program at the Faculty of Metallurgy and Technology

[15 Jan 2023 – 15 Oct 2023]

City: Podgorica | **Country:** Montenegro | **Name of unit or department:** Water quality testing - **Business or sector:** Education

Performing tasks under the guidance of the professional mentor and the dean. Assisting the course instructor in preparing diploma, specialist, and master's theses; helping the laboratory technician and assistant with organizing the laboratory, maintaining instruments and machines, and preparing them for student exercises; assisting in the preparation and execution of experimental exercises for students

EDUCATION AND TRAINING

MApp in Environmental Protection

Faculty of Metallurgy and Technology, University of Montenegro, Podgorica [2022 – 2024]

BApp in Environmental Protection

Faculty of Metallurgy and Technology, University of Montenegro, Podgorica [2019 – 2022]

Professional practice

CETI- Center for Ecotoxicological Testing [2021 – 2022]

City: Podgorica

RESEARCH AREAS

Subjects

Engineering Graphics, Chemistry, Instrumental Methods, Ecotoxicology, Microbiology, Waste Management, Gas Treatment, Quality Standards, Modeling of Pollutant Dispersion, Water Management, Alternative Energy Sources, Recycling and Recycling Technologies, Environmental Impact Assessment, Environmental Protection Design, Industrial Ecology, Environmental Monitoring.

SKILLS

Defining control of industrial waste emissions and treatment plants (water, gases, and waste) / Analyzing the causes of global warming, ozone layer depletion, and acid rain formation / use laboratory equipment / Knowledge of laboratory methods for physical and chemical testing of water, air, and soil samples / Proposing methods for proper disposal, storage, and recycling of waste / Proposing measures for protection against radiation and noise in the

environment / Solving remediation and revitalization issues with biological, chemical, and thermal methods. / Knowledge of standardization goals, environmental protection standards, and management systems

TECHNICAL SKILLS

skills

- Knowledge of relevant laws and regulations related to environmental protection (national, EU, international standards).
- Familiarity with quality and safety standards such as ISO 14001 (environmental management), ISO 9001 (quality management), ISO 45001 (health and safety at work).
- Analytical skills: ability to process and analyze environmental data (monitoring pollutant levels in water, soil, or air).
- Experience with laboratory equipment (HPLC (High-Performance Liquid Chromatography), AAS (Atomic Absorption Spectroscopy), UV/VIS spectrophotometer, GC-MS (Gas Chromatography-Mass Spectrometry), SEM (Scanning Electron Microscopy))

ORGANIZATIONAL SKILLS

Organizational Skills

Ability to structure tasks and allocate resources to achieve desired results. Setting and achieving goals, planning activities, recognizing steps needed to reach the goal, ability to work under pressure. Strong analytical skills and prioritization. Multitasking. Self-motivation, innovation, appropriate language and tone to enhance business collaboration, efficiency, problem-solving, teamwork.

COMMUNICATION SKILLS

Communication Skills

Ability to actively listen, with the aim of providing appropriate feedback in a constructive manner to improve collaboration.

These communication skills have been developed through continuous education, regular participation in interactive workshops focused on communication skills, emotional intelligence, and through performing tasks in the workplace.

Ability to clearly convey technical information to non-technical audiences, writing reports and environmental studies.

DIGITAL SKILLS

Digital skills

- Good office protocol management (word processor, spreadsheets, presentations)
- Proficient in photo editing software, acquired through amateur photography
- Microsoft Office (Word, Excel, PowerPoint)
- AUTO-CAD

LANGUAGE SKILLS

Other language(s):

English

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

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

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

HONOURS AND AWARDS

[2022] University of Montenegro

Award for best student of the Faculty of Metallurgy and Technology

PROJECTS

[24 Mar 2024 – 29 Mar 2024]

“Development of Hydrogen Compressors (NO- DEPENDENCE)”

Attended training for operating equipment for mechanochemical synthesis, as well as equipment for structural characterization of materials at the Vinča Institute of Nuclear Sciences within the SPS MYP G6037 project -

“Development of Hydrogen Compressors (NO-DEPENDENCE)”.

DRIVING LICENCE

Driving Licence: B1

Driving Licence: B

HOBBIES AND INTERESTS

Hiking, nature photography, volunteering in environmental projects, learning new languages, reading, swimming, cycling.