



## Mario Žigo

**Nationality:** Croatian **Date of birth:** 1 Sep 1999

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**Home:** Lička 3, 21300 Makarska (Croatia)

### WORK EXPERIENCE

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#### Instructor

**Baldinistudio d.o.o.** [ Dec 2021 – Jun 2023 ]

City: Split | Country: Croatia

- Organized and participated in more than 10 student training sessions in the fields of civil engineering and architecture, focused on the Allplan software
- Provided instruction and applied theoretical knowledge using the Allplan software program
- Independently reviewed and assessed the quality of students work
- Certified students based on the completed project

#### Mentor at a regional student competition (volunteer)

[ Jun 2023 – Jul 2023 ]

City: Split | Country: Croatia

- Prepared and coordinated two students from the Faculty of Civil Engineering, Architecture, and Geodesy in Split for participation in a regional BIM competition in Rijeka from July 19, 2023, to July 21, 2023

#### Civil engineer

**Single spin d.o.o.** [ May 2022 – Jun 2023 ]

City: Split | Country: Croatia

- Participated in the development of construction projects, including the application of advanced technologies such as Building Information Modeling (BIM)
- Actively engaged in identifying and addressing challenges during project development, utilizing analytical skills and collaborating with the team to find effective solutions
- Successfully collaborated within the project team

### EDUCATION AND TRAINING

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#### Master of Civil Engineering

**Faculty of Civil Engineering, Architecture and Geodesy** [ Oct 2021 – Jul 2023 ]

**Address:** Matice hrvatske 15, 21000 Split (Croatia) | **Website:** <https://gradst.unist.hr/> | **Field(s) of study:** Technical Sciences | **Final grade:** Excellent | **Level in EQF:** EQF level 7 | **NQF Level:** NQF Level 7.1. | **Type of credits:** ECTS | **Number of credits:** 120 | **Thesis:** Sinokoša Urban Culture Center – main project (dilation A)

#### Knowledge and Skills Acquired During Education:

- Fundamentals of comprehensive recognition, understanding, and analysis of general phenomena and issues in civil engineering, with a focus on finding viable solutions, particularly in the field of Structural Engineering
- Planning, supervising, and executing professional, developmental, and scientific projects; assuming leadership roles in companies and research institutions; and creating solutions for technical and human issues in the work environment.
- Application of acquired knowledge and skills in the planning, design, construction, supervision, and maintenance of civil engineering structures and systems in Structural Engineering, with considerations for load-bearing capacity, stability, safety, usability, cost-effectiveness, and environmental protection.

- Use of acquired knowledge, continuous learning, drawing scientifically and professionally grounded conclusions, and development in the context of scientific and applied research.
- Basic competencies for further education in postgraduate scientific and specialized studies, as well as in various lifelong learning programs.

## Manager of EU Project Preparation and Implementation

**EU PROJECTS College** [ Jan 2023 – Apr 2023 ]

**Address:** Zavrtnica 17 Poslovni centar Zavrtnica, 10000 Zagreb (Croatia) | **Website:** <https://www.uep.hr/> | **Thesis:** Adoption of new solutions and technologies in the operations of G1 d.o.o. aimed at the development of wooden element production to enhance the energy efficiency of newly constructed buildings and reduce CO2 emissions, along with the modernization of the existing production facility

### Knowledge and Skills Acquired During Education:

- Project Preparation (analysis of tender documentation, project analysis, budget preparation, logical frameworks)
- Project Implementation (Grant Agreement, project reports, reallocations, contract amendments)
- Public Procurement (procedures according to the Public Procurement Act and Rules for non-obligated entities under the Public Procurement Act)
- Analysis of tender documentation and verification of eligibility of applicants, projects, activities, and expenditures
- Completion of application forms through the eFondovi and eNPOO systems and submission of project proposals through eFondovi and eNPOO systems

## Bachelor of Civil Engineering

**Faculty of Civil Engineering, Architecture and Geodesy** [ Oct 2018 – Jul 2021 ]

**Address:** Matice hrvatske 15, 21000 Split (Croatia) | **Website:** <https://gradst.unist.hr/> | **Field(s) of study:** Technical Sciences | **Final grade:** Very good | **Level in EQF:** EQF level 6 | **NQF Level:** NQF Level 6 | **Type of credits:** ECTS | **Number of credits:** 181 | **Thesis:** Main project of a family house

### Knowledge and Skills Acquired During Education:

- Competencies for working on specific tasks and responsibilities in the construction industry, as well as foundational knowledge that enables the pursuit of graduate studies in civil engineering and various lifelong learning programs
- Ability to recognize and describe various engineering problems in civil engineering and solve them to a certain extent
- Capability to dimension simple structural elements or components of more complex structures under static loads using modern computer tools for calculations, and to collaborate on the preparation and development of project and technical documentation in the fields of structures, hydraulic engineering, and transportation
- Ability to organize construction processes and manage smaller construction projects, as well as to collaborate in the planning, execution, supervision, and maintenance of larger buildings
- Ability to collaborate in the work of technical services within municipal companies, as well as local and state government authorities

## General high school

**High school fra Andrije Kačića Miošića** [ Sep 2014 – Jun 2018 ]

**Address:** Zrinsko-Frankopanska b.b., 21300 Makarska (Croatia) | **Website:** <http://ss-fraandrijekacicamiosica-ma.skole.hr> | **Final grade:** Very good | **Level in EQF:** EQF level 4 | **NQF Level:** NQF Level 4.1.

## LANGUAGE SKILLS

**Mother tongue(s):** Croatian

## Other language(s):

### English

LISTENING B1 READING B1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

### Italian

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

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

## DIGITAL SKILLS

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MS Office (MS Word, MS Excel, MS PowerPoint, MS Publisher, MS Access, MS Outlook, MS Teams) / Windows / Video conference (Skype, Zoom, Google Meet, Teams ...) / Internet / Very good knowledge of working in Allplan / Course on BIM (Building Information Modeling) using Allplan software / Proficient in BIM systems (Scia Engineer, Allplan, Robot Structural Analysis) / Very good knowledge of working in AutoCAD / Information and Communication (searching)

## ORGANISATIONAL SKILLS

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Flexibility and adaptability to new challenges

Rational time management

Communication skills

Resourcefulness

Diligence

Perseverance

## COMMUNICATION AND INTERPERSONAL SKILLS

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Teamwork and collaboration skills

Clear expression

Motivation and curiosity

Negotiation skills

Reliability

## CONFERENCES AND SEMINARS

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[ 22 Mar 2023 – 24 Mar 2023 ] Zagreb

**The second Croatian Conference on Earthquake Engineering (2CroCEE)** Participated in the conference as a student attendee.

## HOBBIES AND INTERESTS

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Travel

Football

Futsal

## HONOURS AND AWARDS

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[ 2022 ] Croatian Chamber of Civil Engineers

**Award for Excellence** Scholarship from the Croatian Chamber of Civil Engineers for the academic year 2022./2023.

[ Jun 2021 ] Baldinistudio d.o.o.

**First place in the faculty competition for the use of Allplan software in 2021**

[ 2021 ] University of Split

**Award for Excellence** University scholarship for the academic year 2021./2022.

[ 2020 ] Ministry of Science, Education and Youth

**Award for Excellence** STEM scholarship for the academic year 2020./2021.

[ 2019 ] Ministry of Science, Education and Youth

**Award for Excellence** STEM scholarship for the academic year 2019./2020.

[ 2018 ] University of Split

**Award for Excellence** University scholarship for the academic year 2018./2019.

[ Jun 2018 ] HRNK Zmaj Makarska - Football academy

**Recognition for significant contribution to developing the value system of young athletes within their group and club**

## DRIVING LICENCE

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**Driving Licence:** AM

**Driving Licence:** A1

**Driving Licence:** A2

**Driving Licence:** B