

# 1. Curriculum Vitae

## PERSONAL INFORMATION **MATEJ ŠODAN**



 Podstrana, 21312, Domovinskog rata 58  
 +385 95 775 3400  
 matejsodan@gmail.com

Date of birth 20/7/1997 | Place of birth Split, Croatia | Nationality Croatian

## WORK EXPERIENCE

- 11/2021. - Faculty of Civil Engineering, Architecture and Geodesy in Split  
**Main activities and duties:** Assistant on the project of the Croatian Science Foundation HRZZ-UIP-2020-02-6693 "Methodology for estimating parameters in problems of crack propagation caused by extreme mechanical loads
- 06/2019. - 01/2021. Real estate trade and valuation AGENCY ROKO MIJANOVIĆ  
**Main activities and duties:** Assistance in the preparation of real estate market value studies, reading spatial plans, measuring and inspecting real estate in the field
- 07/2018. - 09/2018. Real estate agency METIOR  
**Main activities and duties:** Arranging and holding meetings with clients and property owners.

## EDUCATION AND TRAINING

- 05/2022. - **Doctoral Study of Civil Engineering**  
 Faculty of Civil Engineering, Architecture and Geodesy in Split
- 09/2019. - 07/2021. **Graduate Study of Civil Engineering**  
 Faculty of Civil Engineering, Architecture and Geodesy in Split
- 02/2021. - 07/2021. **Graduate Study of Civil Engineering**  
 Faculty of Civil Engineering in Prague, Czech Technical University in Prague
- 09/2016. - 09/2019. **Undergraduate Study of Civil Engineering**  
 Faculty of Civil Engineering, Architecture and Geodesy in Split
- 09/2012.- 07/2016. **High school**  
 Third gymnasium in Split

## PERSONAL SKILLS

Mother tongue Croatian  
 Other language(s) English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	B2	B2	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
 Common European Framework of Reference for Languages

## Communication and organization skills

- 05/2020. - 07/2021. Member of student council of the University of Split
- 10/2020. - 05/2021. Member of the Special Commission for Scientific and Technological Project Activity at the University of Split.

- 09/2018. - 07/2021. Member of the faculty council of the Faculty of Civil Engineering, Architecture and Geodesy in Split
- 09/2018. - 07/2021. Member of the student council of the Faculty of Civil Engineering, Architecture and Geodesy in Split
- 09/2018. - 05/2020. Student ombudsman at the Faculty of Civil Engineering, Architecture and Geodesy in Split.
- 05/2021. - 07/2021. Member of the committee for teaching aids and publishing activities of the Faculty of Civil Engineering, Architecture and Geodesy in Split
- 09/2018. - 07/2021. Volunteer in numerous activities and projects of student councils
- 09/2014. - 07/2016. Member of the debate team of the Third Gymnasium Split

#### Scientific work

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- Enhanced and embedded strong discontinuity model for fracture in solids with quadrilateral elements, 10th International Congress of Croatian Society of Mechanics – Pula, Croatia
- Representation of microstructural failure using QM6 element Eccomas MSF 2023 – Sarajevo, Bosnia and Herzegovina

#### LICENSES AND COURSES

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- Writing in the Sciences  
Stanford University
- [Briefly about the course](#): Through a series of exercises and examples, progress is made in the quality and ease of writing scientific papers
- Creative thinking: Techniques and Tools for success  
Imperial College London
- [Briefly about the course](#): The practical approach of this course allows you to acquire new skills to stimulate creativity and master brainstorming techniques.

#### Computer skills

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- Microsoft Office (Word, Excell, PowerPoint), Matlab, Feap, SCIA Engineer, Auto CAD, GiD, Autodesk Robot, Adobe Photoshop, Corel DRAW

#### Other activities

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- SEA EU DOC - Training Event and Entrepreneurship Skills programme  
University of Cadiz (2023.)
- Erasmus program – Study exchange  
Faculty of Civil Engineering in Prague, Czech Technical University in Prague (2021.)
- 37. International summer school of architecture Motovun (2018.)
- State competition in debate (2015.)

PRIZES, HONORS AND  
SCHOLARSHIPS

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- Rector's award for excellence, University of Split (2021.)
  - Dean's award, University of Split (2020. and 2021.)
  - STEM scholarship (2017., 2018.)
  - Scholarship of University of Split (2019.)
  - Scholarship of Croatian Chamber of Civil Engineers (2020.)

ADDITIONAL  
INFORMATION

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- Licences
    - AM, B, F, G
    - Boat licence B