



**EUROPEAN
CURRICULUM VITAE
FORMAT**

(in English language)

PERSONAL INFORMATION

Name	DŽOLAN, ANTE
Address	RUMBOCI 9, PROZOR-RAMA, 88440, BOSNIA AND HERZEGOVINA
Telephone	00387 36 355 047; mob.: 00387 63 166 193
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E-mail	a.dzolan@yahoo.com; ante.dzolan@gf.sum.ba
Nationality	Croat
Citizenship	Croatian and Bosnian-Herzegovinian
Date of birth	ON 20 TH JANUARY 1987

WORK EXPERIENCE

• Dates (from – to)	2012 - TODAY
• Name and address of employer	University of Mostar, Faculty of Civil Engineering, Matice hrvatske b.b., 88000, Mostar, B&H
• Type of business or sector	Mechanics I - Statics (2016 – 2019), Mechanics II – Kinematics and Dynamics (2011 – today), Dynamics of Structures and Earthquake Engineering (2014 – today), Stability of Structures (2011 – today), Finite Element Method (2018 – today)
• Occupation or position held	Research Assistant (2012 – 2018)/Senior Research Assistant (2018 –)
• Main activities and responsibilities	Research Assistant/Senior Research Assistant at the undergraduate and graduate university studies

EDUCATION AND TRAINING

• Dates (from – to)	2012 - 2020 (17 th January 2020)
• Name and type of organisation providing education and training	University of Split, Faculty of Civil Engineering, Architecture and Geodesy
• Place	Split, Republic of Croatia
• Title of qualification awarded	Doctor of Philosophy (PhD) in Technical Sciences (Construction Engineering)
• Title of the PhD Thesis	Numerical modelling of time-dependent deformations of concrete at 3D analysis of structures
• Dates (from – to)	2009 - 2011
• Name and type of organisation providing education and training	University of Mostar, Faculty of Civil Engineering
• Place	Mostar, Bosnia and Herzegovina
• Title of qualification awarded	Master of Science in Civil Engineering (M.Sc.)
• Title of the Master Thesis	Calculation of the riverbed deepening of the river Bosna in location of the HE Vranduk
• Dates (from – to)	2006 - 2009
• Name and type of organisation providing education and training	University of Mostar, Faculty of Civil Engineering
• Place	Mostar, Bosnia and Herzegovina
• Title of qualification awarded	Bachelor of Sciences in Civil Engineering (B.S.C.E.)
• Title of the Bachelor's Thesis	Calculation of the pedestrian bridge girder



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• Dates (from – to)	2002 to 2006
• Name and type of organisation providing education and training	Franciscan Secondary School/Classicum gymnasium franciscanum
• Place	Visoko, Bosnia and Herzegovina

**PERSONAL SKILLS
AND COMPETENCES**

MOTHER TONGUE | CROATIAN

OTHER LANGUAGES

• Reading skills	ENGLISH B2
• Writing skills	B2
• Verbal skills	B2

• Reading skills	GERMANY A2
• Writing skills	A2
• Verbal skills	A1

SOCIAL SKILLS AND COMPETENCES. | TEAM SPIRIT
COLLABORATION WITH ECONOMY AND PUBLIC INSTITUTION
COMMUNICATION SKILLS GAINED THROUGH LECTURES AT UNDERGRADUATE AND GRADUATE STUDY PROGRAM

TECHNICAL SKILLS AND COMPETENCES | USE OF MICROSOFT OFFICE TOOLS (WORD, EXCEL, POWERPOINT)
USE OF AUTOCAD, ARMCAD, TOWER-RADIMPEX SOFTWARE
BASIC KNOWLEDGE OF ABAQUS
BASIC KNOWLEDGE OF PROGRAMMING IN FORTRAN

OTHER SKILLS AND COMPETENCES | SUCCESSFULLY COMPLETED THE TRAINING PROGRAM: MODULE 1 OF THE TRAINING PROGRAM FOR PERSONS PERFORMING ENERGY CERTIFICATION OF BUILDINGS
ENERGY EFFICIENCY MANAGER ACCORDING TO EN ISO 50001

DRIVING LICENCE(S) | B category

ANNEXES | 1.) VOCATIONAL PROJECTS, STUDIES AND ANALYSIS PERFORMED
2.) IMPORTANT PUBLICATIONS
3.) PUBLISHED BOOKS



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1.) Vocational projects, studies and analysis performed

1. Development of the main design of rehabilitation and reconstruction of water supply network and extension of the water supply network of the town of Prozor, Client: the Municipality of Prozor - Rama, 2011
2. Development of the main design of sewerage system and wastewater treatment plant in the town of Prozor, Client: the Municipality of Prozor - Rama, 2011
3. Load testing of the highway viaduct Bilješevo, over the Bosna River, on the highway Zenica - Sarajevo, section Drivuša – Kakanj, subsection Bilješevo – Kakanj, Client: Hering d.d. Široki Brijeg, August 2012
4. Load testing of the highway bridge M4 (reconstruction), over the Bosna River, on the highway Zenica – Sarajevo, section Drivuša – Kakanj, subsection Bilješevo – Kakanj, Client: Hering d.d. Široki Brijeg, August 2012
5. Load testing of the highway bridge M3 (reconstruction), over the Bosna River, on the highway Zenica – Sarajevo, section Drivuša – Kakanj, subsection Bilješevo – Kakanj, Client: Hering d.d. Široki Brijeg, July 2012
6. Load testing of the highway bridge M2 (reconstruction), over the Bosna River, on the highway Zenica – Sarajevo, section Drivuša – Kakanj, subsection Bilješevo – Kakanj, Client: Hering d.d. Široki Brijeg, July 2012
7. Development of the study on influence of the lower balancing reservoir on the Mala Svitava cassette, Client: PC Elektroprivreda HZHB, July 2013
8. Development of the study on condition of the Krupa River banks and bed with analysis of geomechanical and hydraulic stability, PC Elektroprivreda HZHB, July 2013
9. Development of the detailed design of rehabilitation of the sports hall in Grude, Client: PI Vrilo, Grude, October 2013
10. Main design of route and conceptual design of facilities of the Southern Bypass of Mostar, section Miljkovići – Rodoč – connection to M17, Client: PC Ceste FBiH, 2013
11. Development of the conceptual design of irrigation of the Imotski - Bekija field, Client: the Municipality of Grude, 2014
12. Preparation of the energy audit of the Stolac Kindergarten, Client: the Municipality of Stolac, 2014
13. Preparation of the energy audit of the Čapljina Kindergarten, Client: the Municipality of Čapljina, 2014
14. Preparation of the energy audit of the Široki Brijeg Preschool, Client: the Municipality of Široki Brijeg, 2014
15. Preparation of the energy audit of the Ravno Elementary School, Client: the Municipality of Ravno, 2014
16. Preparation of the energy audit of the Crnići Elementary School, Client: the Municipality of Stolac, 2014
17. Development of the main design of the sewerage system Žabljak – Usora Municipality, Client: the Municipality of Usora, 2014
18. Development of the detailed design of MV Facility Raštani – Mostar, Client: Elektroprijenos BiH, 2014
19. Development of the main design of sewerage system, sewer K1 in the settlement of Međugorje, the Municipality of Međugorje, Client: PC Broting d.o.o. Čitluk, 2014
20. Development of the main design of sewerage system, sewer K2 in the settlement of Međugorje – the Municipality of Međugorje, Client: the Municipality of Čitluk, 2014
21. Development of the main design of sewerage system, sewer K6 in the settlement of Međugorje – the Municipality of Međugorje, Client: the Municipality of Čitluk, 2014
22. Development of the conceptual design of the WWTP in the settlement of Prozor, Client: the Municipality of Prozor – Rama, 2014
23. Development of the conceptual design of the Mini Hydro Power Plant MHPP – 1 and MHPP – 2, Client: the Municipality of Posušje, 2014
24. Main design of the Third Pavilion of the University of Mostar Student Center, December 2014 - February 2015, *priced bill of quantities and preparation of the thermal protection and energy savings study*
25. Development of the main design of the Health and Rehabilitation Center in Kupres, Client: Children's Hospital Srebrenjak and Community Health Center Kupres, 2014
26. Development of the conceptual design of irrigation of the Imotski – Bekija field, Client: the Municipality of Grude, 2015
27. Preparation of the energy audit of the Domanovići Elementary School, Client: the Municipality of Čapljina, 2016
28. Preparation of the energy audit for facilities of the Faculty of Science and Education University of Mostar situated in Rodoč, Client: Faculty of Science and Education University of Mostar, 2016
29. Preparation of the energy audit for facilities of the Center for Prevention and Outpatient Treatment of Addictions Mostar, Client: Center for Prevention and Outpatient Treatment of Addictions Mostar, 2016
30. Preparation of the energy audit of the Fra Jeronim Vladić Ripci Elementary School, Client: Fra Jeronim Vladić Ripci Elementary School, 2016
31. Preparation of the energy audit of the Stolac Elementary School and the First Elementary School Stolac, Client: the Municipality of Stolac, 2016
32. Preparation of the energy audit of the Neum Elementary School, Client: the Municipality of Neum, 2016
33. Development of the main and detailed design of the continuous upbuilding of the building the Croatian National Theatre



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in Mostar, Client: the Croatian National Theatre of Mostar, January 2016 – December 2016

34. Preparation of the energy audit of the Health Center building in Čitluk, Client: the Health Center of Čitluk, 2018
35. Development of the main and detailed design of the business building at the address of the Croatian defenders in Mostar, Client: OIL – AC LTD. Of Mostar, February – April 2018
36. Development of the main and detailed design of the continuous upbuilding of the building the Faculty of health study University of Mostar, Client: University of Mostar, the Faculty of health study, May 2018
37. Preparation of the energy audit of the Ivanjca Elementary School, Client: the Municipality of Ravno, 2018
38. Preparation of the energy audit for the municipality building in Ravno, Client: the Municipality of Ravno, 2018
39. Development of the main and detailed design of the continuous upbuilding of the building the Faculty of Medicine University of Mostar, Client: University of Mostar, the Faculty of Medicine, September 2018
40. Development of the main and detailed design of the building of the Media and Research Center of University of Mostar, Client: University of Mostar, December 2018
41. Development of the main and detailed design of the continuous upbuilding of the new business building in Mostar, Client: UniCredin Bank Plc. Mostar, Jun 2019

2.) Important publications

1. Radnić J., Harapin A., Matešan D., Grgić N., Smilović M., Sunara M., Šunjić G., Džolan A.: Numerical simulation of fluid-structure coupled problems, International Conference marking 60 years of operation of DIMK Serbia – Research in the field of building materials and structures, Proceedings, page 167, Belgrade, Republic of Serbia. 19 October 2012
2. Sunara, M., Radnić, J., Harapin, A., Džolan, A., Tomić, T.: *Seismic analysis of the Lešće dam*, International Conference on Earthquake Engineering- SE-EEE 1963-2013, Skopje, Macedonia, 2013).
3. Šunjić, G., Džolan A., Sunara M., Radnić J., Harapin A.: Numerical problems of fluid-structure coupled problems with examples (review), ZNANSTVENI GLASNIK journal for technical and physical sciences of the University of Mostar, issue 23, pp. 17–46, University of Mostar, Mostar, 2014
4. Džolan, A., 3D Behavior Model of Prestressed Structures with Included Time-Dependent Effects, the 4th Congress of the Young Researcher in Domain of Civil Engineering and Related Technical Sciences, Osijek, September, 2016, Croatia
5. Džolan, A., Galić, M., Harapin, A.: *Numerical Analysis of Partially Prestressed Girders with Experimental Verification*, ECCOMAS MSF 2017 Thematic Conference, Ljubljana, Slovenia, 2017
6. Džolan, A., An Overview of the Models for Time-Dependent Behavior of Concrete, the 5th Congress of the Young Researcher in Domain of Civil Engineering and Related Technical Sciences, Zagreb, September 18-19, 2017, Croatia
7. Džolan, A., Kožul, M., Galić, M., Harapin, A.: *Model for simulation of time-dependent state in concrete elements with experimental confirmation*, International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2017, Vienna, Austria, 2017
8. Kožul, M., Džolan, A.: *Stability of reinforced concrete walls under seismic load*, Electronic collection of papers of the Faculty of Civil Engineering, Vol. 8, No. 16, 2018
9. Kožul, M., Džolan, A.: *Ivanković Mihalj, V., The concept of nonlinear normal modes and their application in structural dynamics*, Electronic collection of papers of the Faculty of Civil Engineering, Vol. 9, No. 17, 2018
10. Džolan, A., Kožul, M., Harapin, A., Čubela, D.: *Analysis of the concrete shrinkage effects on the real behavior of the spatial concrete and reinforced concrete structures using the thermal analogy*, Engineering Computations, Vol. ahead-of-print, No. ahead-of-print, 2019

3.) Published books

1. Kožul, M., Džolan, A., *Mechanics 2 – KINEMATICS AND DYNAMICS*, University of Mostar, Mostar, 2017 (in Croatian)