



~Personal Information~

NAME / SURNAME		Damjan Čakmak	
Address(es)		104, Savska Cesta, 10 000 Zagreb, Croatia	
Telephone(s) / Fax(es)		+385 1 / 6177 748	 +385 98 / 977 6878
E-Mail(s)		damjan.cakmak@gmail.com , damjan.cakmak@fsb.hr	
WWW		https://myspace.com/tminaproject	
IM		Skype IM service Damjan Cakmak	
Sex / Gender Male Date of birth 14 / 08 / 1979 Nationality Croatian			

PREFERRED JOB	Mechanical Engineer
---------------	---------------------

WORK EXPERIENCE	
-----------------	--

Dates	December 2015 – Present
Occupation or position held	Teaching/Research assistant
Main activities and responsibilities	<ul style="list-style-type: none"> Teaching (dynamics and mechanical vibrations)
Name and address of employer	Faculty of Mechanical Engineering and Naval Architecture , Ivana Lučića 5, 10 000 Zagreb, Croatia
Type of business or sector	Education/Science
Dates	September 2005 – December 2009
Occupation or position held	Project manager / Sales manager / Team Leader / Technician
Main activities and responsibilities	<ul style="list-style-type: none"> Technical: modelling, calculating and implementing FTTH, POTS, ISDN, LAN / WAN VoIP, WVoIP, VLAN and Wi-Fi solutions Business & logistics: managing & supervising local distributors, supply chain and maintaining relationship with distributors' key personnel Marketing: organising marketing activities and events Education: leader for company Avaya industrial certification
Name and address of employer	Novointel d.o.o. , CMP Savica Šanci, 10 000 Zagreb, Croatia
Type of business or sector	IT
Dates	March 2004 – July 2004
Occupation or position held	Demonstrator / Lecturer
Main activities and responsibilities	<ul style="list-style-type: none"> Educational: organisation and conducting of various presentations to BPs regarding services of www.wlw.hr online business search engine
Name and address of employer	WLW (Wer Liefert Was?) d.o.o. , Fallerovo Šetalište 22, 10 000 Zagreb, Croatia
Type of business or sector	Education / IT
Dates	October 1999 – April 2003, November 2003 – December 2003
Occupation or position held	Project manager / Sales manager / General manager
Main activities and responsibilities	<ul style="list-style-type: none"> Business: correspondences and contacts with BPs, sales / marketing Technical: administering and maintaining PC hardware and software
Name and address of employer	«NENEM» d.o.o. for Commerce, Services and Production, Nodilova 17, 10 000 Zagreb, Croatia
Type of business or sector	Private company / Trade / IT
Dates	August 1999 – September 1999
Occupation or position held	Practicing student
Main activities and responsibilities	<ul style="list-style-type: none"> Student training I (Internship): assisting in administrative duties, creating technical solutions and plans, maintaining ORACLE database
Name and address of employer	Termoelektrana-Toplana (TE-TO) Zagreb , Kuševačka b.b., 10 000 Zagreb, Croatia
Type of business or sector	Mechanical Engineering

EDUCATION AND TRAINING					
Dates	September 2010 – July 2015				
Title of qualification awarded	<u>Master's Degree in engineering</u> Graduate study				
Principal subjects / occupational skills covered	Mechanical Engineering				
Name and type of organisation providing education and training	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Ivana Lučića 5, Zagreb, Croatia				
Dates	September 2005 – December 2009				
Title of qualification awarded	<u>ACA, ACS</u> Industrial certification				
Principal subjects / occupational skills covered	Technical: certified for handling and servicing, designing and implementing telecommunication and IT equipment (Unified Communication CM MS/MG platforms, IP Office etc.), ACA (Avaya Certified Associate) + ACS (Avaya Certified Specialist)				
Name and type of organisation providing education and training	<u>Avaya</u> (www.avaya-learning.com)				
Dates	September 1993 – May 1997				
Title of qualification awarded	<u>Graduate from Classics-Program Secondary School</u> High School study				
Principal subjects / occupational skills covered	Knowledge of (Ancient) Latin and Greek languages, knowledge of classical history, art and literature, mathematics and physics, English and German				
Name and type of organisation providing education and training	<u>Klasična gimnazija</u> , Križanićeva 4a, 10 000 Zagreb, Croatia				
PERSONAL SKILLS					
Mother tongue(s)	Croatian				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English (*)	C2	C1	C2	C1	C1
	<u>High School graduate diploma</u>				
German (*)	A1	A1	A1	A1	A1
	<u>High School graduate diploma</u>				
Ancient Latin (*)	B2	B1	B2	B1	B1
	<u>High School graduate diploma</u>				
Ancient Greek (*)	A2	A1	A2	A1	A1
	<u>High School graduate diploma</u>				
	Levels: A1/2: Basic user - B1/2: Independent user - C1/2: Proficient user Common European Framework of Reference for Languages (*)				
Communication skills	<ul style="list-style-type: none"> Proficient communication skills gained through experience as a lecturer, sales manager and general manager Willing to work in teams as a team leader and/or as a team member, extensive experience in both workflow situations Adaptable to various environments 				
Organisational / managerial skills	<ul style="list-style-type: none"> Organising and managing all aspects of IT business (sales, marketing, technical implementation etc.), being responsible for quick technical interventions teams > 10 people (servicing work for <u>T-Com</u>, <u>T-Mobile</u> and <u>VIPNet</u> among others), determined, communicative, tolerant and patient with personnel and BPs 				

Job-related skills	<ul style="list-style-type: none"> Independent in work, persistent, responsible, ready to acquire new knowledge and skills, ambitious, well handles stress and fatigue, learns quickly, focused and determined to work
Computer skills	<ul style="list-style-type: none"> Actively using tools for personal efficiency (Microsoft Office™ – Word, Excel, PowerPoint, FrontPage, Visio, Outlook..., WWW, E-Mail etc.) and handling software for image processing (Adobe Photoshop, CorelDraw, InkScape etc.), text layout and prepress (Adobe InDesign, Adobe Acrobat Pro etc.) and video editing (VirtualDub, Adobe Premiere etc.), long-term professional and private experience with tools for recording and sound editing (Cool Edit Pro/Adobe Audition, SoundForge, WaveLab etc.) and sequencers and tools for midi manipulation (Reaper, Cubase, Sonar etc.) Windows 95, 98, ME, 2000, XP, Vista and 7 OS administrative skills CAD software skills: SolidWorks, Catia, AutoCAD, ProE FEM software skills: Abaqus, Catia, LMS Virtual Lab, Patran/Nastran Math software skills: PTC Mathcad, Wolfram Mathematica, Maple VBA programming language skills: Visual Basic, Excel
Other skills	<ul style="list-style-type: none"> Sports (basketball, table tennis), music (actively playing electric / acoustic guitars and stringed instruments), professionally released several albums and collaborated with mainstream and underground music projects (Dunja Knebl, Nina Romić, SxOxM etc.), drawing, illustrations and graphic design, carpentry
Driving licence	<ul style="list-style-type: none"> B – Licence / Car
ADDITIONAL INFORMATION	
Publications Presentations Projects Conferences Seminars Honours and awards Memberships References	<ul style="list-style-type: none"> Numerous Rock / Pop / Ethno professional concert performances Theatrical / Ethno performances with Dunja Knebl Several HGU nominations (Porin) and awards IT education of corporate end users Under contract with Aquarius records Member of ZAMP List of scientific references: http://bib.irb.hr/lista-radova?autor=351941, https://scholar.google.hr/citations?user=timsHEAAAAJ&hl=hr References/recommendations from Novointel d.o.o. and «NENEM» d.o.o. available on request
ANNEXES	
Industrial certificates	<ul style="list-style-type: none"> ACA and ACS industrial certificates available on request
INTERESTS	
Educational / Professional interests	<ul style="list-style-type: none"> Educational (lecturing) activities with development of new technologies primarily for enhancing life quality ICT (information and communication technologies) and Mechanical Engineering as professional commitment Numerical simulations (FEM, CFD, MBS etc.) Dynamics of rotating shell structures Active vibration control Acquisition of knowledge and experience through work on new technologies, with the continuous professional development Experimental / avant-garde music, graphic design

CC SCIENTIFIC PUBLICATIONS	
[1]	Čakmak, D., Tomičević, Z., Wolf, H., Božić, Ž., Semenski, D., Trapić, I., Vibration fatigue study of the helical spring in the base-excited inerter-based isolation system, Engineering Failure Analysis (2019) (Accepted), https://doi.org/10.1016/j.engfailanal.2019.04.064
[2]	Senjanović, I., Alujević, N., Čatipović, I., Čakmak, D., Vladimir, N., Cho, D.-S., Buckling analysis of toroidal shell by Rayleigh-Ritz method, Journal of pressure vessel technology-transactions of the asme (2019) (Accepted), https://doi.org/10.1115/1.4043594
[3]	Čakmak, D., Wolf, H., Božić, Ž., Jokić, M., Optimization of an inerter-based vibration isolation system and helical spring fatigue life assessment, Archive of Applied Mechanics 89(5) (2019) 859-872.
[4]	Senjanović, I., Čakmak, D., Alujević, N., Čatipović, I., Vladimir, N., Cho, D.-S., Pressure and rotation induced tensional forces of toroidal shell and their influence on natural vibrations, Mechanics Research Communications 96 (2019) 1-6.
[5]	Senjanović, I., Čatipović, I., Alujević, N., Čakmak, D., Vladimir, N., A finite Strip for the Vibration Analysis of Rotating Toroidal Shell Under Internal Pressure, ASME Journal of Vibration and Acoustics 141(2) (2019) 021013-1-021013-17.
[6]	Alujević, N., Čakmak, D., Wolf, H., Jokić, M., Passive and active vibration isolation systems using inerter, Journal of Sound and Vibration 418 (2018) 163-183.
[7]	Čakmak, D., Tomičević, Z., Wolf, H., Božić, Ž., H2 optimization and numerical study of inerter-based vibration isolation system helical spring fatigue life, Archive of Applied Mechanics (2018) 1-22.
[8]	Senjanović, I., Alujević, N., Čatipović, I., Čakmak, D., Vladimir, N., Vibration analysis of rotating toroidal shell by the Rayleigh-Ritz method and Fourier series, Engineering Structures 173 (2018) 870-891.
[9]	Senjanović, I., Čatipović, I., Alujević, N., Čakmak, D., Vladimir, N., Free in-plane and out-of-plane vibrations of rotating thin ring based on the toroidal shell theory, Archives of Mechanics 70(5) (2018) 429-455.
[10]	Senjanović, I., Čatipović, I., Alujević, N., Vladimir, N., Čakmak, D., A finite strip for the vibration analysis of rotating cylindrical shells, Thin-Walled Structures 122 (2018) 158-172.

CONFERENCE PUBLICATIONS	
[1]	Čakmak, D., Božić, Ž., Wolf, H., Tomičević, Z., Vibration and Fatigue Study of an Inerter-Based Isolation System, 2nd International Conference on Structural Integrity and Durability 2018 Conference Proceedings, ICSID2018 Dubrovnik (2018) 1–5.
[2]	Alujević, N., Čakmak, D., Wolf, H., Jokić, M., An inerter-based active vibration isolation system, Proceedings of the International Conference on Engineering Vibration (ICoEV 2017) - MATEC Web of Conferences 148 (2018) 11001.
[3]	Senjanović, I., Čatipović, I., Alujević, N., Vladimir, N., Čakmak, D., Sophisticated finite strip for vibration analysis of a rotating cylindrical shell, Proceedings of the International Conference on Engineering Vibration (ICoEV 2017) - MATEC Web of Conferences 148 (2018) 07001.
[4]	Čakmak, D., Božić, Ž., Wolf, H., Alujević, N., Simultaneous Vibration and Fatigue Optimization of an Inerter-based Vibration Isolation System, International Conference on Structural Integrity and Durability 2017 Conference Proceedings, ICSID2017 Dubrovnik (2017) 1–7.

INDIRECT MENTORSHIPS	
[1]	Perić, J., Konstrukcija nosača gornjeg kombiniranog ležaja hidrogeneratora, Master's thesis, FSB, Zagreb, 2018, First mentor: Kranjčević, N., http://bib.irb.hr/prikazi-rad?&rad=949288
[2]	Čurčija, F., Konstrukcija modularnog Arcan prihvata za višeosno opterećenje, Master's thesis, FSB, Zagreb, 2017, First mentor: Tomičević, Z., http://bib.irb.hr/prikazi-rad?&rad=934317
[3]	Janković, D., Numerička analiza višeosnog Arcan prihvata i optimizacija dimenzija leptirastog ispitnog uzorka, Master's thesis, FSB, Zagreb, 2017, First mentor: Tomičević, Z., http://bib.irb.hr/prikazi-rad?&rad=934314
[4]	Orešković, S., Dinamički model stupa vjetroagregata, Bachelor's thesis, FSB, Zagreb, 2017, First mentor: Wolf, H., http://bib.irb.hr/prikazi-rad?&rad=895864
[5]	Vedriš, M., Određivanje elastičnih parametara materijala gumenog elementa rastojnika-prigušivača, Master's thesis, FSB, Zagreb, 2016, First mentor: Wolf, H., http://bib.irb.hr/prikazi-rad?&rad=828000