

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Surname(s) / First name(s)	Nedeljko Štefanić
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E-mail(s), Web address(s)	Nedeljko.stefanic@fsb.hr
Nationality(-ies)	Croatian
Date of birth	17.08.1958.
Identification number from Records of Scientific Workers	156176

WORK EXPERIENCE

• Dates (from – to)	2010-up today
Name and address of employer	The Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb
Type of business or sector	Operational researches management
Occupation or position held	Head of Department of Industrial Engineering
Main activities and responsibilities	Creating and managing of joint projects between students and small and medium entrepreneurs; organization and co-operation of student start-up projects; strategy planning on relations between entrepreneurs and academic institutions; Chief Manager of the project of creation of traffic clusters for the City of Zagreb, County of Zagreb and Krapinsko-Zagorska County.

• Dates (from – to)	2010-up today
Name and address of employer	The Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb
Type of business or sector	Operational researches
Occupation or position held	Full professor
Main activities and responsibilities	

• Dates (from – to)	2006 - 2008
Name and address of employer	The Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb
Type of business or sector	Operational researches management
Occupation or position held	Head of Department of Industrial Engineering
Main activities and responsibilities	

• Dates (from – to)	2005 - 2010
Name and address of employer	The Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb
Type of business or sector	Operational researches
Occupation or position held	Associate professor
Main activities and responsibilities	

• Dates (from – to)	2000 - 2005
Name and address of employer	The Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb
Type of business or sector	Operational researches
Occupation or position held	Assistant professor
Main activities and responsibilities	

• Dates (from – to)	1993 - 2000
Name and address of employer	The Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb
Type of business or sector	Operational researches
Occupation or position held	Assistant
Main activities and responsibilities	

• Dates (from – to)	1991-1993
Name and address of employer	"Bratstvo - Tvornica strojeva"
Type of business or sector	Wood industry machine engineering
Occupation or position held	Business Improvement Centre Chief Manager
Main activities and responsibilities	IT engineering, development of ERP systems for SME, organization of student practice in the company; co-operation on development of wood industry cluster.

• Dates (from – to)	1988-1990
Name and address of employer	SOUR "Rade Končar"
Type of business or sector	Flexible systems design
Occupation or position held	Designer
Main activities and responsibilities	Manufacturing systems engineering

• Dates (from – to)	1985-1988
Name and address of employer	CUO "Ruđer Bošković" (High School)
Type of business or sector	Technical courses teacher
Occupation or position held	Teacher
Main activities and responsibilities	Mechanical engineering

**PROFESSIONAL, RESEARCH,
ACADEMIC EXPERIENCE AND
ACHIVEMENTS**

Year	2011 and 2012..
Place	Zagreb, Croatia
Name and type of professional experience	GALP2011 and GALP2012, Conference on Green and Lean Production and Services
Principal subjects/Occupational skills covered	Cofounder, organizer and lecturer

Year	2012 – up today
Place	Boston, Massachusetts Institute of Technology, Professional Institute, USA
Name and type of professional experience	EdNet, LAI (Lean, advancement Initiative), Educational Network -
Principal subjects/Occupational skills covered	Croatian Member Designated EdNet Representative

Year	2010 - 2012
Place	Croatia
Name and type of professional experience	Ministry of Entrepreneurship and Crafts, Student entrepreneurs competition
Principal subjects/Occupational skills covered	Two first place winners and one third place

Year	2009.
Place	Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Croatia
Name and type of research	Lean Management seminars (24.4.2009., 17.11.2009.)

Principal subjects/Occupational skills covered	Organizer and Lecturer for Croatian companies (Dalekovod, Koncar, Coca-Cola, Siemens, Croatia earliness, Electro-contact, Eko medjimurje, HEP, OMCO, Straza, Vivera, Ledo,..)
Year	2007 – up today.
Place	Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Croatia
Name and type of research	Foundation ADRIS : “Business excellence achievement by implementation of lean system in manufacturing and service companies in the Republic of Croatia”
Principal subjects/Occupational skills covered	Joint professor - student project, Business excellence achievement by implementation of lean system (Toyota Business System).
Year	2007 – up today.
Place	Zagreb, Croatian Waters, Vodoprivreda, Croatia
Name and type of research	Advancement of the water management in Croatian Waters
Principal subjects/Occupational skills covered	Introduction of the quality system in water industry and improvement of business processes.
Year	2007. – 2008
Place	Sisak, Vodoprivreda, Croatia,
Name and type of research	Introduction of ISO 9001 and 14001
Principal subjects/Occupational skills covered	Consultancy in the field of processes advancement.
Year	2000 - 2007.
Place	Croatia
Name and type of research	Counselor in strategic and operational management and management of information and communication resources of the companies: Boral-Pula , Rapid - Virovitica , Dalit - Daruvar, Sintal - Zagreb, TPT – Karlovac, Armirač-Zagreb, Našicecement, ACM-Zagreb, Presečki-Krapina, Ekoneg, HEP;
Principal subjects/Occupational skills covered	Independent design and cooperation of several information systems projects and elaborates; participation in their realization.
Year	May 21, 2004
Place	Zagreb
Name and type of research	STRANAB (Strategic supply system) - seminar
Principal subjects/Occupational skills covered	Lecturing and organization of joint seminars for academic community and entrepreneurs about strategic supply which took place under the patronage of Ministry of Economy, Labour and Entrepreneurship, Republic of Croatia.
Year	2003.
Place	Zagreb, Faculty of Mechanical Engineering and Naval Architecture
Name and type of research	New models for the production management of smaller and medium enterprises
Principal subjects/Occupational skills covered	This scientific research was approved by Ministry of Science and Technology of Republic of Croatia. The main purpose of the research was to investigate the existing models of production management in small and medium-sized companies and to define new and/or improved models of production management.
Year	June 01, 2003
Place	Zagreb
Name and type of academic experience	PROMEN - production management seminar
Principal subjects/Occupational skills covered	Lecturing of production management - PROMEN with main topic “Allocation of limited resources”. The seminar attendants were managers from more than 40 Croatian small and medium companies.
Year	1997.
Place	Zagreb, Faculty of Mechanical Engineering and Naval Architecture
Name and type of research	Management of the production and use of the artificial intelligence

Principal subjects/Occupational skills covered	Participant in the project of management and use of the artificial intelligence in production processes.
Year	1993.-1996
Place	Croatia
Name and type of research	Consultancy on business processes in enterprises Boral-Pula, Rapid-Virovitica, Dalit-Daruvar, Sintal-Zagreb, TPT-Karlovac, Armirač-Zagreb.
Principal subjects/Occupational skills covered	Co-operation of the Faculty and business environment.
Year	1991. - 1996.
Place	Zagreb, Faculty of Mechanical Engineering and Naval Architecture
Name and type of research	Research and development of the system of logistics integrated production
Principal subjects/Occupational skills covered	Co-operation of the Faculty and business environment.
Year	1986. - 1990
Place	Zagreb, Faculty of Mechanical Engineering and Naval Architecture
Name and type of research	Methods, models and algorithms of experiment planning and processes optimization
Principal subjects/Occupational skills covered	Co-operation of the Faculty and business environment.

**THE MOST RELEVANT
REFEREED PUBLICATION
WITHIN THE LAST 5 YEARS
AND A CAREER BEST PUBLICATION**

Name and type of the publication

1. Štefanić, Nedeljko; Križan, Ozana; Čala Ivo.: Models and Methods of Production Management. // Strojarsvo : 50 (2008) , 3; 175-184 , Croatia.
2. Milković, Vili; Štefanić, Nedeljko, Štefanić; Perić, Mato. An analysis of device and equipment failures by means of business intelligence methods, Transactions of FAMENA. 33 (2009) , 4; 53-62
3. Štefanić, Nedeljko; Tošanović, Nataša; Čala, Ivo: Applied Lean System in Process Industry. Strojarsvo : časopis za teoriju i praksu u strojarstvu. 52 (2010) , 1; 59-67
4. Kovačec, Miroslav; Pilipović, Ana; Štefanić, Nedeljko: Improving the quality of glass containers production with plunger process control, CIRP Journal of Manufacturing Science and Technology, 3 (2010)
5. Štefanić, Nedeljko; Gjeldum, Nikola; Mikac, Tonči: Lean Concept Application in Production Busines, Tehnički vjesnik – Technical Gazette, 17 (2010)
6. Veža, Ivica; Gjeldum, Nikola; Celent, Luka; Štefanić, Nedeljko: Problems of Lean Production Implementation in the Croatian Enterprises, Proceeding of 43rd CIRP International Conference on Manufacturing Systems, Sihn, Wilfried (ur.), Wiens, Fraunhofer Austria, 2010. 496-503
7. Abrashi, Arijan; Štefanić, Nedeljko; Lisjak, Dragutin: Solving JSPP by introducing Hamilton similarity and time dependent fitness scaling, Strojniški vestnik-Journal of Mechanical Engineering. Volume 56 (2010), No 5; 300-309.
8. Gečevska, Valentina; Veža, Ivica; Čuš, Franc; Anišić, Zoran; Štefanić, Nedeljko: Lean PLM - Information Technology Strategy for Innovative and Sustainable Business Environment, International journal of engineering and management, 3 (2012), 1; 15-23
9. Lisjak, Dragutin; Marić, Gojko; Štefanić, Nedeljko: Studying the possibility of neural network application in the diagnostics of a small four- stroke petrol engine by wear particle content, Tehnički vjesnik – Technical Gazette, 19 (2012)
10. Gečevska, Valentina; Štefanić, Nedeljko; Veža, Ivica; Čuš, Franc: Sustainable business solutions through Lean production lifecycle management, Acta technica corviniensis. 5 (2012), 1; 135-142.

Book chapters:

1. N. Šakić, N. Štefanić: Linear programming, Engineer Guide IV, Školska knjiga, Zagreb, 2002.
2. N. Šakić, N. Štefanić: Non – Linear programming, Engineer Guide IV, Školska knjiga, Zagreb, 2002.
3. Water Environment Federation: Vitasović, Cello Z.; MacDonald, Marine L.; Štefanić, Nedeljko: Information Technology in Water and Wastewater Utilities, Alexandria, VA 22314-1994 USA : McGraw Hill, 2010

EDUCATION

Date	1997
Place of education	Zagreb
Name and type of organization providing education	The Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb
Title or qualification awarded	Doctor of science (PhD.)

Date	1990
Place of education	Zagreb
Name and type of organization providing education	The Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb
Title or qualification awarded	Master of science (MSc.)

Date	1977-1985
Place of education	Zagreb
Name and type of organization providing education	The Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb
Title or qualification awarded	B.A. in Mechanical Engineering

Date	1973-1977
Place of education	Osijek
Name and type of organization providing education	Technical High School
Title or qualification awarded	Technician

TRAINING

Year	July, 2008.
Place of training	USA, Cambridge, MA 02139-4307
Name and type of organization providing training	Massachusetts Institute of Technology
Principal subjects/Occupational skills covered	Lean Academy Short Course - This course provided a hands-on introduction to lean and six sigma fundamentals and its application in small and medium enterprises.

Year	July, 2008.
Place of training	USA, Cambridge, MA 02139-4307
Name and type of organization providing training	Massachusetts Institute of Technology, Professional Institute
Principal subjects/Occupational skills covered	LAI Lean Academy® Seminar: Engineering – This course covered topics in Lean Engineering and Product Development. The course was built around a lean engineering framework, emphasizing the need to select the right design to meet stakeholder needs, perform engineering work in an efficient way within an efficiently designed organization, and integrate with the larger lean enterprise.

PERSONAL SKILLS AND COMPETENCIES

Mother tongue(s) Croatian

Other language(s)

Language	English
Speaking	Active
Writing	Active
Understanding (listening and reading)	Active

Language	German
Speaking	Active
Writing	Active
Understanding (listening and reading)	Active

Language	Spanish
Speaking	Passive
Writing	Passive
Understanding (listening and reading)	Passive

SOCIAL SKILLS AND COMPETENCIES Teamwork, Innovation skills, Communication skills

ORGANIZATIONAL SKILLS AND COMPETENCIES Motivation skills
Organization of complex education events
Strategic and operational decision making

TECHNICAL SKILLS AND COMPETENCIES Communication and presentation skills
Software tools skills in fields of statistics and project management
Scientific research skills
Complex problems modeling skills
Innovation skills

OTHER SKILLS AND COMPETENCIES Creativity, knowledge sharing

DRIVING LICENCE(S) YES