

CURRICULUM VITAE

PERSONAL INFORMATION ENES PIVIĆ

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WORK EXPERIENCE

08/2004 – present

IT Director and Lecturer / Expert from Practice (Full Time Position)
International University of Sarajevo

- Management and Coordination of overall IUS IT Center Activities
- Lecturer / Expert in Practice (2005 - present):
 - o Computer Network Security (CS427)
 - o Programming Languages (CS305)
 - o Architecture and Implementation of Database Management (CS421)
 - o Engineering Graphics (ENS102/207)
 - o Introduction to Scientific and Engineering Computing (CS202),
 - o Computer Technology I and II (CS101 and CS102)
 - o Summer school computer course "Basic English in Computing"
- LAN/ WiFi / WAN Network Design, Implementation Management, Configuration and Troubleshooting
- VoIP Implementation, Administration and Troubleshooting
- Application deployment, licensing, updating and management
- Procurement / Purchasing, Offers, Proposals, Consultancy
- System Security – Design, Management and Administration
- Cisco UCS Data Center Administration (Virtualization: Hyper-V and VMware)
- EMC Storage and Avamar Backup Strategy and Management

02/2004 – 10/2004

Assistant Teacher (Information Technology) (Part Time Position)
Pedagogical Faculty Zenica

- Assistant Teacher on course "Information Technology" (Basic Usage and Application of Computer Technology)

09/2001 – 06/2004

Assistant Teacher (Information Technology and Computer Graphics Department)
Faculty of Mechanical Engineering, Zenica, Sarajevo University (Part Time Position)

- Administering Computer Network Infrastructure of Faculty's Computer Lab
- Teaching students the Course of "Information and Computer Technology" (The most popular computer application, programming techniques, problem solving algorithms)

03/1993 – 06/1998

Designer, IT Specialist and Researcher
Metallurgical Institute "Kemal Kapetanović" Zenica (Full Time Position)

- Maintenance of Institute's Computer Infrastructure
- Education of Institute's Staff the most popular Computer Applications
- Member of IT team for Developing Institute's ISP Center
- Developed computer applications for the Institute's Economic Department
- Worked in the Construction Office as Designer
- Worked in Mechanical Lab. as a Researcher in Continuum Mechanic Projects
- Member of Accreditation and Certification Teams (ISO9000 and EN45000)

07/1998 – 09/2003

Senior Monitoring and Evaluation Officer / Team Leader and
Communication and Mine Awareness Officer
NGO Sector (WVI and ICRC), Sarajevo (Full Time Position)

- Monitoring and Evaluation of Reconstruction and Return Related Projects
- Managed ICRC Communication MA activities in two Cantons
- Maintenance Mine Victims Computer Database Application

11/1995 – 12/1998

Lecturer and Network Administrator
L.H.O. "Youth House", Zenica (Part Time Position)

- Lecturer of Graphical Design Course (Newspaper Design and Publishing)
- Lecturer of Basic Office Computer Applications

- 01/1994 – 10/1995 - *Computer Lab and Management, Administration, Maintenance and Troubleshooting Metallurgical Faculty Zenica, Sarajevo University (Part Time Position)*
- *Designer and Administrator of CAD/CAM Lab (Sun SPARC Stations; SunOS)*
- 10/1993 – 10/1995 *Assistant Teacher (Construction Department)*
Faculty of Mechanical Engineering, Zenica, Sarajevo University (Part Time Position)
- *Teaching Assistant in the Construction Department of the Faculty (Courses: "Technical Drawings" and "Constructions")*

EDUCATION AND TRAINING

- 03/2006 *Cisco Systems Inc., San Jose, CA 95134, USA (Cisco Career Certifications Testing)*
Certificate awarded: CCNA (Cisco Certified Network Associate) ID:CSCO11035929
- 10/2004 -07/2006 *CCED- Center For Computing Education, Sarajevo*
Cisco Network Academy Program – Four Semester Curriculum (average 90.4%)
Certificates Awarded:
 - *CCN4 (WAN Technologies)*
 - *CCN3 (Switching Basics and Intermediate Routing)*
 - *CCN2 (Routers and Routing Basics)*
 - *CCN1 (Networking Basic)*
- 10/2002 –06/ 2003 *Completed a few short training courses (IBHI and Economical College Business School)*
Subjects of Training Courses:
 - *"Project Cycle, Monitoring and Evaluation"*
 - *"Introduction in data gathering and data analyses"*
 - *"Project Cycle, Monitoring and Evaluation"*
- 10/1995 – 10/1997 *MSc. Candidate (Successfully Passed All Graduate Courses with average 97.5%)*
Faculty of Mechanical Engineering in Zenica, Sarajevo University
Mechanical Engineering Graduate Study (Machines Construction Department)
Master Thesis Title:
"Integral approach for data exchange between CAD systems and application based on Finite Volume Method"
(Designed CAD Computer Application as a part of MSc Thesis)
- 10/1987 – 06/1992 *Degree awarded: BSc*
Faculty of Mechanical Engineering in Zenica, Sarajevo University
Graduate Thesis Title:
"Determination of optimal parameters of KR 500 elastic fundamentals"
(Designed Computer Application as a part of Graduate Thesis)

SOFTWARE PROJECTS

- 2004 – present *International University of Sarajevo*
 - *Development and Management of IUS Student Information System (2005-2014)*
 - *Development and Management of IUS Library Information System (2005-2014)*
 - *Implementation and Management of Web-Based Academic Journal Systems(2008-present)*
- 04/2001 – 07/2001 *TUHH - Technische Universität Hamburg-Harburg, Germany*
(DAAD Scholarships for Master Thesis Preparation)
 - *Developing CAD Application for preprocessing data (numerical grid generation based on FVM solvers)*
- 01/1998 – 05/1998 *Shooting Club Association Zenica*
 - *Developed computer database application for shooting competitions*
- 02/1997 – 12/1997 *Bosnia and Herzegovina Art and Science Academy*
 - *Developed Computer Database Application for "Suicide" Project with Statistical Reports*
- 02/1997 – 12/1997 *Metallurgical Institute "Kemal Kapetanović" Zenica*
 - *Developed Computer Application for Institute's Economical Department.*

SCIENTIFIC AND RESEARCH ACTIVITIES / PROJECTS

- 11/1998 Graduate Research Project within Graduate Course
"Numerical and Experimental Methods of Strength and Strains Determining"
Project Title: *"Application of FEM for determining static characteristics of springs tested on fatigue"*
- 11/1997 Graduate Research Project within Graduate Course
"Methods of design and Shaping of Construction"
Project Title: *"Methodical Design Approach in Design Process of achieving oscillating movement for electro-chemical treatment of probe surface"*
- 09/1997 Research Project: *"Application of Fracture Mechanics Testing Methods using HF Pulsate Testing Machine's Electronic Module "* (Metallurgical Institute "Kemal Kapetanovic")
- 06/1996 Graduate Research Project within graduate course: *"Computer Aided Design"*
Project Title: *"Application of CAD technology for Design of membrane valve of bottle under pressure filled-out with propane-butane gas"*
- 10/1995 Graduate Research Project within graduate courses:
"Methodology of scientific and Research Works " and *"Quality and Assurance"*
Project Title: *"CAD Systems and their relationship and connection with Production Process, Quality and Services "*
- 01/2000 – 06/2002 Landmine Monitor Researcher for Bosnia and Herzegovina
LandMine Monitor, 1630 Connecticut Ave NW #500, Washington DC 20009, USA
- Prepared LM2000 and LM2001 Reports for Bosnia and Herzegovina

CONSTRUCTION PROJECTS

- 03/1993 – 06/1998 Metallurgical Institute "Kemal Kapetanović" Zenica
- Design and Construction of Machine for building materials rigidity Testing within Institute's Ceramic Lab according to the standard testing specifications (Leader Designer)
- Designing and Construction of Accessories for Testing Machines within Mechanical Lab
- Modeling and Calculation of fluid level of angled reservoirs (Member of Team:)

ARTICLES

- 04/2001 Mechanical Journal "Masinstvo" – Mechanical Faculty Zenica, Sarajevo University
Article Title: *"Basic Concepts of ISO 10303 (STEP) Standard for Data Exchange between CAD Systems"*

BOOK REVIEWS

- 09/1996 Book Title: *"AutoCAD 12 - From Idea to Project "* (Author: S.Huseinovic, "Pobjeda d.o.o" Tesanj)