

# Lovro ILIJAŠIĆ [iliassich]

first name last name

Gender: Male  
Year of Birth: 1977  
Country of Birth: Republic of Croatia  
Citizenship: European Union

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Serbian/Croatian: ●●●●●●●●●●  
English: ●●●●●●●●●●  
Italian: ●●●●●●●●●●  
French: ●●●●●●●●●●  
German: ●●●●●●●●●●

LANGUAGE SKILLS

## EDUCATION

2006 - 2010  
**PH.D. IN COMPUTER SCIENCE**  
University of Turin, Italy  
Department of Informatics

Machine Learning, Data Mining, Complex Network Analysis. Doctoral thesis "Computational Grids as Complex Networks"

2001 - 2004  
**M.SC. IN ENGINEERING**  
University of Belgrade, Serbia  
School of Electrical Engineering

Postgraduate studies, two-year program. Architecture and Organization of Computer Systems and Networks

1995 - 2001  
**B.SC. IN ENGINEERING**  
University of Belgrade, Serbia  
School of Electrical Engineering

Undergraduate studies, five-year program at the Department of Computer Science and Informatics

main track ● side track

Philadelphia, USA, 2015 - present  
**DREXEL UNIVERSITY**  
Department of Computer Science  
Visiting Scholar  
  
Ranked data mining and modeling project  
<http://cs.drexel.edu/dbgroup>

Orsay, France, 2012 - 2015  
**INRIA**  
High Performance Computing  
Expert Engineer  
  
Parallelization of Machine Learning algorithms for large memory NUMA server: SVM, Affinity Propagation, Boosting, Neural Networks, Semantic Web...  
<http://www.apro.u-psud.fr>  
<http://wikiassistant.info>

Belgrade, Serbia, 2011 - 2012  
**METROPOLITAN UNIVERSITY**  
Docent at the Faculty of Information Technology, teaching at undergraduate and graduate level. Courses: Information Systems Design, Web Systems, Web Application Development.

2015 - present  
**IT SNOWS**  
  
Ski community mobile application with ski maps of over 500 ski resorts  
  
<http://itsno.ws>

2012 - 2015  
**MANDRAGO**  
  
Mobile workforce dispatching system start-up. Owner, designer and engineer  
  
<http://mandrago.com>

2015

2012

Alessandria, Italy, 2010 - 2011

**POST-DOC**

Department of Informatics  
University of Eastern Piedmont

2010 - 2011

**EUROPEAN SPACE AGENCY**

Use of Computer Vision for Navigation of Mars Lander. Computer Vision. Real-time software implementation in C/C++ using OpenCV library. Simulation in Java and MATLAB.

Turin, Italy, 2006 - 2010

**PH.D. STUDIES**

Department of Informatics  
University of Turin

Machine Learning, Data Mining,  
Complex Network Analysis

2008 - 2009

**GRID OBSERVATORY**

Dynamics of Grid behavior and usage. Building usage models on log data using Machine Learning, Data Mining and Complex Network Analysis methods.

2006 - 2008

**CSI PIEMONTE**

Data and Text Mining on official data provided by the regional government of Piedmont Region.

Belgrade, Serbia, 2001 - 2005

**UNIVERSITY OF BELGRADE  
COMPUTER CENTER**

Software engineer  
Information system  
design and development

2004 - 2005

**CLINIC INFORMATION SYSTEM**

Hospital Information System project leader. Medical records, patient scheduling, medical service workflow.

2002 - 2005

**NETWORK MONITORING SYSTEM**

Leading designer/developer. Real-time monitoring system, network topology discovery, reporting, intelligent agent assistance.

Since 2009

**SKIDEA**

Ski resort maps for Garmin GPS devices

<http://skidea.com>

2010

2006

2004 - 2005

**MOUNTAIN RESCUE SERVICE  
INFORMATION SYSTEM**

**KEYWORDS**

MOBILE APPS  
WEB DESIGN  
RESEARCH  
PRESENTATION  
DISTRIBUTED SYSTEMS  
UX/UI DESIGN  
ENGINEERING  
MACHINE LEARNING  
DATA MINING  
PARALLELIZATION  
VISUALIZATION  
TEACHING  
VERSATILE | CREATIVE | PRACTICAL