Personal information

Surname(s) / First name(s)	**Mladenović Jelena**
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Nationality(-ies)	Serbian and Canadian
Date of birth	Oct 3 1990
Gender	female

Education and training

PhD at INRIA Bordeaux South-West

subject of research	Computational Modeling of users skills and states to optimize BCI training tasks
Grant/Scholarship	INRIA BCI-Lift project
Place and Date	PhD in Informatics, Doctoral School of Bordeaux, january 2016 - december 2018
Title of qualification awarded	yet to be – Doctor of Informatics

Intern at INRIA Sophia-Antipolis, April-August, 2015

subject of research	Jitter Adaptive Dictionary Learning for multi-channel EEG data
Grant/Scholarship	BASILEUS 5
Place and Date	Sophia Antipolis University in Nice, France; 2014 – 2015
Title of qualification awarded	MSc in Computational Biology and Bio-Medicine (September 2015)
Principal subjects covered	Projet Final Etudiant - Detecting bursts in Retinal Waves,
	Signal analysis, Algorithms in structural biology, Neuron dynamics, Modeling gene regulatory networks, Forward and Inverse problems and many more

Grant/Scholarship	EUROWEB
Place and Date	Free University of Amsterdam, the Netherlands; 2012 – 2013
Title of qualification awarded	exchange program
Principal subjects covered	Thesis Design in Artificial Intelligence - Music generation with Genetic Algorithm;
	Computer Graphics – OpenGL in java, Data Bases – JDBC; Machine Learning methods, metaheuristics - Genetic Algorithm and Variable Neighbourhood Search

Place and Date	Belgrade University, Faculty of Mathematics; 2009 – 2014
Title of qualification awarded	BSc in Informatics
Principal subjects covered	Programming in C, JAVA; Algorithms and Data Structures; Web design - PHP, CSS, JavaScript, DOM; Computer architecture and operating systems; Algebra, Functional Analysis, Numerical Methods, Geometry
Place and Date	Belgrade "Third Grammar School" (2005–2009) and Music high-school "Kosta Mano-jlovic" (2006–2010)
Title of qualification awarded	Grammar school diploma with a B2 certificate of French and Music high-school diploma for a music producer
Principal subjects covered	General knowledge of social and natural sciences taught in French (around 15 courses per year) and music classes such as conducting, harmony, piano lessons with sol-fa, music production (audio and midi), acoustics and sound theory (around 13 courses per year)

Personal skills and competences

Mother tongue(s) **Serbian**

Other language(s) English, French, Spanish, Chinese, Russian

Self-assessment
European level[(*)]

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
excellent	excellent	excellent	excellent	excellent
excellent	excellent	excellent	good	good
good	good	fair	fair	fair
fair	fair	fair	fair	fair

Row labels (left margin):
English
French
Spanish, Russian
Chinese

[(*)]*Common European Framework of Reference (CEF) level*

Social, organizational skills and competences

February, 2014, organizing a celebration of the Chinese new year in Belgrade, Serbia.

In April, 2013 and 2014, member of the Youth in Action program in Mardin, Turkey, making documentaries about Kurdish culture without political suggestions.

2013 - producing a film and managing a group of 10 actors for a course at the University in Amsterdam, called Interactive Multimedia, made me learn a lot about organization and managment.

In 2012, in order to collect money for a shelter for kids in Belgrade, I created a documentary about them, showing their talents and optimism.

Computer skills and competences

2013, group projects at Free University of Amsterdam, (i) in a Kaggle competition "The Marinexplore and Cornell University Whale Detection Challenge", using machine learning methods, (ii) for Software Architecture, creating an elaborate design of a social network for companies, called BluePrint Networking System, (iii) carrying out a research proposal and statistical analysis (with an online survey) answering a question: *What Differences Exist in the Emotional Perception of a Story if it is told by either an Embodied Conversational Agent (ECA) or a Human Being.* (an ECA that we created)

2012, Image Processing group project (Sobel Image Edge Detection) using CUDA, in Belgrade University.

Programming skills

C (OS- process management; threading; CUDA; compilers - yacc and lex),

Java (Swing, JOGL, JDBC, Jfugue), Web design (CSS, Html, PHP, JavaScript),

Matlab (Numerical Analysis, Image processing), Python(RegExp, Signal processing), Latex

For more information feel free to contact me by email: *jelena.mladenovic@inria.fr*

Artistic skills and other competences	Clay sculpting, oil painting, drawing portraits -it has been my hobby since I was a child,
	piano playing (1998 - 2010) and jazz singing, composing and music production (2005-2010)
	filming and editing, since my first camera – 2002, acting, screen writing and producing films/documentaries (since 2012), with voluntary humanitarian work
Publications	2013/14, co-author of "A General Variable Neighbourhood Search for the Multy-Product Inventory Routing Problem", IMAMAN-2013-0397, published 2014, in IMA Journal of Management Mathematics,
	33 Chapter for Brain-Computer Interfaces Handbook: Technological and Theoretical Advances, Publisher: CRC Press: Taylor & Francis Group, Final Book Publication: 2017
	J. Mladenovic, J. Frey, M. Bonet-Save, J. Mattout and F. Lotte (2017) The Impact of Flow in an EEG-based Brain Computer Interface, Graz BCI Conference
	J. Mladenovic, M. Joffily, J. Frey, F. Lotte, J. Mattout (2017) Endowing The Machine With Active Inference: A generic Framework to Implement Adaptive BCI, NaT Conference
	J. Frey, C. Jeunet, J. Mladenovic, L. Pillette, F. Lotte (2017) "When HCI Meets Neurotechnologies: What You Should Know about Brain-Computer Interfaces", Course at ACM CHI
	J. Mladenovic (2017) Invited talk at the Second NeuroFeedback Day in Paris — NExT Neurofeedback and Flow in BCI training

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