

	<div> <div> Ivana Chingovska 27 years old, single Pré-de-Foire, 3 1920 – Martigny Switzerland http://www.idiap.ch/~ichingo/ </div> <div> <div> <div> <ul style="list-style-type: none"> Expert in Biometrics and Biometrics Security Background in Electrical Engineering and Computer Science Proactive and open-minded </div> <div> <div> <div>ivana.chingovska@gmail.com</div> <div>Tel. +41 76 640 6820</div> </div> </div> </div> </div> </div>
Work experience	<p>Research Assistant - Idiap Research Institute - Martigny, Switzerland</p> <p>10/2011 → present</p> <p>Trustworthy biometrics under spoofing attacks: face mode</p> <p>Junior Teaching and Research Assistant – Faculty of Electrical Engineering and Information Technologies – Skopje, R. Macedonia</p> <p>03/2009 – 08/2011</p> <p>Research Intern - School of Computer Science, Cardiff University – Cardiff, Wales, UK</p> <p>06/2010 - 08/2010</p> <p>Computer Vision: development of video time warping techniques for Active Appearance Models</p> <p>Research Assistant – Digital Image Processing Team, Faculty of Electrical Engineering and Information Technology – Skopje, R. Macedonia</p> <p>12/2008 – 06/2010</p> <p>Computer Vision: development of image orientation detection algorithms</p> <p>Research Intern – Image Processing Group, Universidad Politécnica de Madrid – Madrid, Spain</p> <p>07/2009 – 09/2009</p> <p>Computer Vision: development of traffic sign recognition algorithms</p> <p>Research Intern – VisLab, Institute for Systems and Robotics, Instituto Superior Técnico - Lisbon, Portugal</p> <p>07/2008 – 10/2008</p> <p>Computer Vision: development of object tracking algorithms for robotic vision</p> <p>Software Development Intern - Netcetera doo. - Skopje, R. Macedonia</p> <p>08/2007 - 10/2007</p>
Education	<p>PhD in Electrical Engineering (ongoing)</p> <p>11/2011 → 11/2015 (expected)</p> <p>Computer Vision and Biometrics</p> <p>Ecole Polytechnique Fédérale de Lausanne – Lausanne, Switzerland</p> <p>Idiap Research Institute – Martigny, Switzerland</p> <p>MSc. in Electrical Engineering and Information Technologies (10/10)</p> <p>2008 - 2011</p> <p>Content-based Search and Retrieval: Bioinformatics</p> <p>Faculty of Electrical Engineering and Information Technologies - Skopje, R. Macedonia</p> <p>BSc. in Electrical Engineering and Information Technologies (10/10)</p> <p>2004 – 2008</p> <p>Informatics and Computer Engineering: Programming, Software Engineering, Databases, Operating Systems, Linear Algebra, Computer Architectures</p> <p>Faculty of Electrical Engineering and Information Technologies - Skopje, R. Macedonia</p>
Technical skills	<p>Research: face biometrics, anti-spoofing, computer vision, machine learning, technical writing</p> <p>Development & Scripting: Python, C/C++, Matlab, Java, BASH</p> <p>OS: Linux, Windows</p> <p>Tools: Virtualbox, LaTeX, SVN, Git</p>
Personal skills	<p>Languages: Macedonian (mother tongue), English (fluent C1), French (basic A2), German (basic A2)</p> <p>Social skills: proactive, flexible, team-oriented, communicative, empathetic, supportive, good presentation and oratorical skills, good management skills, leadership skills</p> <p>Other skills and interests: art, nature, traveling and new cultures, social studies, languages, psychology</p>

Activities	<p>Bob: a free signal processing and machine learning toolbox: contributor (2011 → present)</p> <p>The 2nd competition on counter measures to 2D facial spoofing attacks: main organizer and participant (2013)</p> <p>2010 ACM Southeastern Europe Programming Contest – Bucharest, Romania: member of jury</p> <p>International Association for the Exchange of Students for Technical Experience (IAESTE) – R. Macedonia: member (2006-2011)</p> <p>BEST summer course for digital signal processing: “Face 2 face with signals” – Iasi, Romania: participant (2006)</p> <p>Cultural Center Media Artes – Ohrid, R. Macedonia: participant in the youth program “Art for Social Change” (2000-2005)</p>
Certificates and awards	<p>Certificate for considerable engagement and achievements in the academic year – Faculty of Electrical Engineering and Information Technology – Skopje, R. Macedonia (years 2005, 2006, 2007, 2008)</p> <p>Scholarship awarded to talented undergraduate students of computer science - Government of R. Macedonia (2007)</p> <p>Awarded with 1st, 2nd or 3rd prize at National Competitions of Mathematics – R. Macedonia (years 1999, 2000, 2001, 2002, 2003)</p> <p>Awarded with silver and bronze medal at National Olympiad of Mathematics – R. Macedonia (years 2002, 2003)</p>
Publications	<p>I. Chingovska, A. Anjos, S. Marcel; Anti-spoofing in action: joint operation with verification system; CVPR Workshop on Biometrics; 2013</p> <p>I. Chingovska, et al.; The 2nd competition on counter measures to 2D facial spoofing attacks; International Conference on Biometrics (ICB); 2013</p> <p>I. Chingovska, A. Anjos, S. Marcel; On the Effectiveness of Local Binary Patterns in Face Anti-spoofing; IEEE workshop of Biometrics Special Interest Group (BIOSIG); 2012</p> <p>G. Mirceva, I. Cingovska, Z. Dimov, D. Davcev; Efficient Approaches for Retrieving Protein Tertiary Structures; IEEE/ACM Transactions on Computational Biology and Bioinformatics; 2012</p> <p>K. Trivodaliev, I. Cingovska, S. Kalajdziski; Protein Function Prediction by Spectral Clustering of Protein Interaction Networks; Communications in Computer and Information Science; 2011</p> <p>I. Cingovska, Z. Ivanovski, F. Martin; Automatic Image Orientation Detection with Prior Hierarchical Content-Based Classification; International Conference on Image Processing (ICIP) 2011, Brussels, Belgium</p> <p>A. Aubrey, V. Kajic, I. Cingovska, P. Rosin, D. Marshall; Mapping and Manipulating Facial Dynamics; The Ninth IEEE International Conference on Automatic Face and Gesture Recognition; 2011</p> <p>K. Trivodaliev, I. Cingovska, S. Kalajdziski, D. Davcev; Protein Function Prediction Based on Neighborhood Profiles; Proceedings of the ICT Innovations; 2009</p> <p>I. Cingovska, G. Mirceva, Z. Dimov, S. Kalajdziski, D. Davcev; Novel Wavelet Based Protein Descriptors; ICT Innovations; 2009</p>