

Curriculum Vitae

PERSONAL INFORMATION	<i>Name:</i> Gergely ORBÁN <i>Address:</i> 5. Marczibányi tér 1022 Budapest, Hungary	<i>Mobile:</i> 36 30 2899970 <i>Email:</i> orbanger@gmail.com <i>Homepage:</i> home.mit.bme.hu/~orbanger
EDUCATION	Budapest University of Technology and Economics , Budapest, Hungary	
	PhD in Informatics (2009–2013 (expected)) <ul style="list-style-type: none">• Department of Measurement and Information Systems• Topic: Application of complex methods for image based diagnostics• Cumulated average: 4.95 (scale: 1–5)	
	MSc degree in Technical Informatics (2009) <ul style="list-style-type: none">• Faculty of Electrical Engineering and Informatics• Major in integrated intelligent systems• Cumulated average: 4.99 (scale: 1–5)• Title of thesis: Investigation of lung nodule detection methods for the analysis of chest radiographs• Grade of diploma: <i>excellent with honour</i>	
PROFESSIONAL EXPERIENCE	<ul style="list-style-type: none">• ATHENS Programme, 10 days, Telecom ParisTech, topic: Monte Carlo methods, position: student [2010]• Professional cooperation, 2 years, Innomed Medical Inc., chest X-ray analysis software development, position: researcher, C# developer [2009–]• Professional cooperation, 2 years (occasional), evosoft Hungary Kft., internal software development (C#) [2007-2009]• Internship position, 1 month, evosoft Hungary Kft., internal software development (C#, VB) [2007]• Demonstrator, 4 years, Department of Measurement and Information Systems, BUTE [2006–]	
PUBLICATIONS	<ul style="list-style-type: none">• G. Orbán, Á. Horváth, and G. Horváth. Lung Nodule Detection on Rib Eliminated Radiographs. In XII Mediterranean Conference on Medical and Biological Engineering and Computing (MEDICON 2010), pages 363-366. Springer, 2010.• G. Horváth, G. Orbán, Á. Horváth, G. Simkó, B. Pataki, P. Máday, S. Juhász, and Á. Horváth. A CAD System for Screening X-ray Chest Radiography. In World Congress on Medical Physics and Biomedical Engineering (WC 2009), September 7-12, 2009, Munich, Germany, pages 210-213. Springer, 2009.• G. Simkó, G. Orbán, P. Máday, and G. Horváth. Elimination of clavicle shadows to help automatic lung nodule detection on chest radiographs. In 4th European Conference of the International Federation for Medical and Biological Engineering (EMBEC 2009), pages 488-491. Springer, 2009.	

HONOURS AND AWARDS	<ul style="list-style-type: none"> • Josef Heim price of the Schnell László Foundation [BUTE, 2010] • Diploma work price of the Scientific Society for Measurement, Automation and Informatics [Hungary, 2009] • Diploma work price of the Pro Progressio Foundation [Hungary, 2009] • Scholarship (award) of the Hungarian Republic [Hungary, 2009] • 2nd place at the National Student Paper Contest, section "Informatics" [Hungary, 2009] • 1st place at the Student Paper Contest, section "Biomedical signal processing" [BUTE, 2008] • National student contests: mathematics - 1st, physics - 3rd, chemistry - 5th [Hungary, 1998–2004]
LANGUAGE SKILLS	<p>English: fluent</p> <ul style="list-style-type: none"> • State Language Examination Certificate – advanced level <p>German: beginner</p> <ul style="list-style-type: none"> • State Language Examination Certificate – basic level
PROGRAMMING LANGUAGES	C#, C++ (Symbian, WinApi, MFC, DirectX), Java, Matlab, Prolog, OpenCL
RESEARCH INTERESTS	<ul style="list-style-type: none"> • image processing • machine learning
OTHER INTERESTS	<ul style="list-style-type: none"> • Radio controlled car racing (best: national championship 3rd) • Sports: climbing, cycling, running, squash
REFERENCES	<ul style="list-style-type: none"> • Gábor HORVÁTH , <i>Head of department</i>, BUTE – Department of Measurement and Information Systems, horvath@mit.bme.hu, 36 1 4632677 • Ákos HORVÁTH, <i>Project manager</i>, Innomed Medical Inc., horvath.akos@innomed.hu