

Degrees	MSc, PhD
Phone	+44 7950 620 405
E-mail	<a href="mailto:petricek@acm.org">petricek@acm.org</a>
WWW	<a href="http://www.occamslab.com/petricek/">http://www.occamslab.com/petricek/</a>
References	Available upon request

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**Research Interests**

Machine Learning, Recommender systems, Network analysis

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**Experience**

08/2007–now	eHarmony.com - Senior Researcher Matching - machine learning applications
07/2006–09/2006	Yahoo! Research Big Thinkers Internship – working on Socially Informed Collaborative Filtering algorithms under Dr. Seoung-Taek Park in Machine Learning group Burbank, California
2003–2006	Research Fellow at Computer Science Department of University College London
2003	IDC s.r.o., consulting and development of software for wireless hotspots
2001–2003	Teaching, supervision and management of software group projects and master theses at Department of Software Engineering, and College of Finance and Administration (2 master students, 2 group projects, tens of ind. projects)
1998–2003	Czech On Line a.s., core server system development and administration, WAN administration, customer application development (~500,000 users)
1997–1998	Mefisto Software s.r.o., stock portfolio software development

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**Education**

2002–till now	Faculty of Mathematics and Physics at Charles University in Prague, Ph.D. candidate in Information Systems
2004–2005	London Business School - MBA Entrepreneurial Electives
2002	Awarded the title MPhil by Charles University in Prague
2000	Graduated with Honors (first equivalent) and was awarded Master degree in Computer Science, from Charles University in Prague

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**Publications**

2007	„Willingnes to pay for Yahoo! ads”, with Cox, Tilman and Pesendorfer, working paper.
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2007	„Socially informed collaborative filtering for item recommendation“, with Park and Cox, in review.
2007	„Fundraising and gender“, with Boeg, Cox, and Huck, working paper.
2007	Lukas Brozovsky, Vaclav Petricek, “Recommender System for Online Dating Service“, in Proceedings of Znalosti 2007
2005	„The Web Structure of E-Government - Developing a Methodology for Quantitative Evaluation“, with Escher, Cox and Margetts, in Proceedings of ACM WWW 2006
2005	„A Comparison of On-line Computer Science Citation Databases“, with Cox, Han, Councill and Giles, in Proceedings of ECDL 2005.
2005	„Modelling the Author Bias Between Two On-line Computer Science Citation Databases“, with Cox, Han, Councill and Giles, in Poster Proceedings of WWW 2005.
2001	„Information Hiding and Covert Channels“ in Proceedings of WDS2001
2000	„Virtual private networks“, Master Thesis at Charles University Prague

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## Funding

2004–2005	CSEL grant to take London Business School entrepreneurial electives
2003	Bernard Bolzano Foundation Scholarship
2003	Scholarship of Vaclav and Dagmar Havel Foundation Vize’97 <a href="http://www.vize.cz">http://www.vize.cz</a>

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## Projects

2003	Flash FreeBSD distribution for WiFi hotspots, <a href="http://wibsd.cz">http://wibsd.cz</a>
1999	Eternity Service Project <a href="http://occamslab.com/petricek/papers/eternity">http://occamslab.com/petricek/papers/eternity</a>
1998	Secure File System, <a href="http://atrey.karlin.mff.cuni.cz/~rebel/sfs/">http://atrey.karlin.mff.cuni.cz/~rebel/sfs/</a>

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## Skills

Languages	English (fluent), Czech (native), German, French, Russian
Programming	C, C++, STL, Perl, SOAP, XML, Shell, Java, CORBA, L <sup>A</sup> T <sub>E</sub> X, SQL, R, OpenSSL

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## Extraculiclar

2001	Academic champion of Czech Republic in beach volleyball
Other interests	Volleyball, squash, windsurf, cycling, backpacking, any competitive sports

Cambridge, January 31, 2008