

Pavlo Bazilinskyy

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Education:

2014 - present	<i>Delft University of Technology</i> (The Netherlands)	PhD in Human Factors of Automated Driving: Auditory Interface (ongoing). Marie Curie fellow. Secondments: TU München. Member of HFAuto Research Council and 3mE PhD Council.
2012 - 2014	<i>University of St Andrews</i> (Scotland) / <i>National University of Ireland, Maynooth</i> (NUIM, Ireland)	Erasmus Mundus Double MSc in Dependable Software Systems 1 st year specialisation - AI, 2 nd year - Rigorous Software Development. GPA - 17.8/20.0, double distinction. Scholarship B. Global course rep. for Erasmus Mundus Association, 2013 - 2014.
2009 - 2012	<i>Mikkeli University of Applied Sciences</i> (Finland)	BEng in Information Technology . Software Development 5, Networking 5, Telecommunications 4. 278 ECTS. GPA - 4.5/5.0. Microsoft Student Partner 2011 - 2012.
2011 - 2012	<i>University of Wolverhampton</i> (England)	<i>Exchange abroad in Computer Science</i> . Databases A, HPC A, Games Development B. GPA - A14/A16. ERASMUS Scholarship.
2008 - 2009	<i>National University of "Kyiv-Mohyla Academy"</i> (Ukraine)	<i>BSc in Computer Science</i> , 1st year. Mathematics 91, Physics 100, Algorithms and Data Structures 81. GPA - 93/100.
1998 - 2008	The High School: <i>Lyceum No. 15</i> (Ukraine)	<i>Math-Informatics class</i> . GPA - 10.4 / 12, Rank - 4 / 28. Silver Medal "For Exceptional Achievements in Study".

Work Experience:

2013 - present	<i>Muse</i> (London, UK)	Head of Development, social network for creative people. Development of mobile client with Python. International startup.
2013 - 2014	<i>PersonTech</i> (Mikkeli, Finland)	Lead programmer, development of firmware for Arduino-based 3D printer. International startup.
2011 - 2014	<i>OneHourTranslation.com</i>	Freelance translations and localisations. Languages: English, Russian, Ukrainian. 3000+ projects, 4.9/5.0 rating, reviewer status, preferred translator of a number of international companies.
May 2011 - July 2011	<i>Cluetail</i> (Mäntyharju, Finland), trainee	Part of the team for "eleet.fi", which was selected to the finals of the 'Uutisraivaaja' innovation contest. Web design and programming using Apache Wicket framework.
2010 - 2011	<i>MHG Systems Oy</i> (Mikkeli, Finland), trainee	Developed "MHG Public" module. Resulted in increased revenue and improved customer service. Localisation (into Ukrainian and Russian) and internalisation of software products.

Publications: (Google Scholar profile <https://scholar.google.com/citations?user=1df9yAAAAAJ>)

- Jeon, M., Bazilinskyy, P., Hammerschmidt, J., Hermann, T., Landry, S., & Wolf, K. E. (2015). *Report on the in-vehicle auditory interactions workshop: taxonomy, challenges, and approaches*. In Proceedings of AutomotiveUI.
- Bazilinskyy, P., & De Winter, J. C. F. (2015). *Auditory interfaces in automated driving: an international survey*. PeerJ Computer Science.
- Bazilinskyy, P., Kyriakidis, M., & De Winter, J. C. F. (2015). *An international crowdsourcing study into people's statements on fully automated driving*. In AHFE.
- Bazilinskyy, P., & Brunner, M. (2013). *Performance Engineering and Testing*.
- Bazilinskyy, P., Arai, Y., & Adebayo, S. (2013). *Analysis of the Opinion of Japanese about China and Korea*. In Methodology of Modern Science (Ukrainian: *Методологія Науки Сьогодні*).

- Bazilinskyy, P. (2013d). *Бізнес-модель програмного забезпечення як послуга* (English: Software as a Service business model). *News of Cutting-Age Science* (Bulgarian: Новината За Напреднали Наука), 22–25.
- Bazilinskyy, P. (2013c). *The Turing test and the 20 Question game*. In IMA 2013.
- Bazilinskyy, P. (2013a). *Artificial Intelligence in entrepreneurship: history since the Year 2000*. In *XXI Century: Russia and the World in a Cardinaly Changing Society*.
- Bazilinskyy, P. (2012c). *Феномен облачных вычислений* (English: Phenomenon of cloud computing). In IMA 2012.
- Bazilinskyy, P. (2012b). *Implementing Hough transformation with C language of programming*. In *Strategical issues of modern science, VII International science-practical conference*.
- Bazilinskyy, P. (2012a). *Image Rendering and the Problem of Performance*. In *Scientific thoughts of information era, VIII International science-practical conference*.
- Bazilinskyy, P. (2011). *Microsoft Silverlight. Overview of the new way of building RIA*. In *Science Days -- 2011. Modern Information Technologies, VII International science-practical conference*.

Projects:

- [Action-based model of NUIM](#) supervised by Vice President for Innovation & Dean of Graduate Study.
- Lead programmer and web designer for [cultureunfold.it](#) as a part of [REALISE IT](#) competition.
- Project leader and UI designer for a multi-screen application for Social TV. Link: http://hollgam.com/projects/Social_TV_and_2nd_Screen_Apps.pdf.
- *Multi-core Insense* (Erasmus Mundus MSc dissertation). Link: <http://insense.cs.st-andrews.ac.uk/>
- Co-creator of the server for @answer (assistant, Amazon MTurk). Link: <https://bitbucket.org/machisuji/rls-server>
- Co-creator of PyGN (PGN file reader written in Python). Link: <http://code.google.com/p/pygn>
- Creator of a client (Java) for the mobile polling system WeVote. Link: <http://code.google.com/p/wevote>

Technical Skills and Interests:

- **Programming languages:** advanced *Java SE, C, C++, HTML/CSS/PHP*, intermediate *Python, R*. Reasonably good command of *Java EE, Qt, Ruby, Pascal*. **Databases:** advanced *MySQL*, average *Oracle, PL/SQL*. **Verification**.
- **Networking:** CCNA, mobile and wireless networks, telecommunications. **Research:** LaTeX, BibTeX, Mendeley.
- **Languages:** Ukrainian (mother tongue), Russian (mother tongue), English (fluent, TOEFL iBT: 104, IELTS: 8.0), German (intermediate, Goethe Institute: A2), Finnish (basic).
- **Sport:** Chess (Class A, Team B of the University of St Andrews 2012, rating: 1525; the second prize in the chess competition among players of Chernihivska region, Ukraine, 2002), Fencing (Team B of the University of St Andrews 2012), Aikido (Yellow belt, The Aikido Fellowship of Great Britain), long-distance running.
- **Music:** Saxophone alto/ Clarinet/ Piano, 8 years of lessons. Saxophonist of Chernihiv Regional Youth Orchestra 2001 - 2007; Saxophonist of University of St Andrews Wind Band 2012 - present. Currently learning to play guitar and ukulele. Honourable Award for an active participation in concerts as a saxophonist, 2004
- **Personal interests:** traveling and experiencing different cultures, sciences (including but not limited to: Computer Science, Physics, Astronomy, received the third prize for the history competition among students of Ukraine, 2006), arts, photography, literature.
- **Volunteering:** work camp [Holzlabor](#) (Thalheim, Switzerland; SCI), volunteer for the Vedic festival [Vedalife 2013](#), [LEAD 2014 Conference](#) student tutor, member of the charity [Your600th Marathon team](#) of University of St Andrews, restoration of Your600th legacy garden.
- **Group organisation:** organising student trips and events, project management.

Extra Curricular Activities and Awards:

- **Participant** of MCAA GA in Venice, 2016 (awarded with micro grant) and EMA GA in Krakow, 2014.
- **Applied Human Factors and Ergonomics 2015** conference in Las Vegas, 2015.
- **Participant** of IKEA Think outside the cubicle Hackathon 2015 in Delft, The Netherlands

- **Berlin Summer School Human Factors** in TU Berlin, 2015.
- **Symposium** “Role of youth work in education for democratic citizenship and participation” in Yerevan, 2013.
- Award to the **best overall student** in MSc DESEM from the University of St Andrews, 2013.
- **Participant** of Amazon Hackathon in Edinburgh, 2013.
- **Class representative** for MSc Computer Science students of the University of St Andrews, 2012 - 2013.
- **Certificates:** 2015 - BMW Training Day, Cognitive Work Analysis Training, and Eyetracking and Simulator Training, BMW, University of Southampton, and TU Munchen. 2013 - Microsoft Office Specialist (MOS) Master (exams: Powerpoint, Access, Word Expert, Excel Expert). 2013 - Certificate in Professional Skills from CAPOD, University of St Andrews. 2013 - Online course, Power Advanced Searching with Google, Google. 2012 - Coursera, Stanford University, Algorithms: Design and Analysis, Part I: Score 97/100. 2012 - Coursera, Stanford University, Game Theory: Score 71.8/100. 2012 - Coursera, University of Michigan, Model Thinking: Above 90%. 2012 - Coursera, University of California, Software Engineering for SaaS: Score 2122/2126. 2011 - Coursera course, Stanford University, Introduction to Databases: Score 237/323. 2010 - Online course, Finnish Online University of Applied Sciences, AI in Games: Grade A