

Research/art/teacher profile of a person

Name and surname doc. Ing. Ivan Polášek, PhD.
Document type: Research/art/teacher profile of a person
The name of the university Comenius University Bratislava
The seat of the university Šafárikovo námestie 6, 818 06 Bratislava

I. - Basic information

I.1 - Surname	Polášek
I.2 - Name	Ivan
I.3 - Degrees	doc. Ing., PhD.
I.4 - Year of birth	1964
I.5 - Name of the workplace	Faculty of Mathematics, Physics and Informatics, Comenius University in Bratislava
I.6 - Address of the workplace	Mlynská dolina F1 842 48 Bratislava
I.7 - Position	Associate professor
I.8 - E-mail address	ivan.polasek@fmph.uniba.sk
I.9 - Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/14106
I.10 - Name of the study field in which a person works at the university	Computer Science
I.11 - ORCID iD	0000-0002-4246-663X

II. - Higher education and further qualification growth

II.1 - First degree of higher education

II.a - Name of the university or institution	Department of Automated Control Systems, Faculty of Management, University of Economics, Bratislava
II.b - Year	1987
II.c - Study field and programme	Automated Control Systems

II.2 - Second degree of higher education

II.a - Name of the university or institution	Department of Automated Control Systems, Faculty of Management, University of Economics, Bratislava
II.b - Year	1987
II.c - Study field and programme	Automated Control Systems

II.3 - Third degree of higher education

II.a - Name of the university or institution	Department of Applied Informatics, Faculty of Business Informatics, University of Economics, Bratislava
II.b - Year	2002
II.c - Study field and programme	Applied Informatics

II.4 - Associate professor

II.a - Name of the university or institution	Faculty of Informatics and Information Technologies STU
II.b - Year	2017
II.c - Study field and programme	Information systems

II.5 - Professor

II.6 - Doctor of Science (DrSc.)

III. - Current and previous employment

III.a - Occupation-position	III.b - Institution	III.c - Duration
researcher and programmer	PRRPVŽ Bratislava	1987 – 1990
Software Engineer and Project Manager	Informata Zurich, Protagon	1990 – 1992
Software Engineer	SCD Wien	1992 – 1995
Software Engineer and Project Manager	GFAI Bern, Protagon	1995 – 1996
Teacher and researcher	Department of Applied Informatics, Faculty of Business Informatics, University of Economics, Bratislava	1996 – 2011
Software Engineer and Project Manager	Gratex International Bratislava	1996 –
Teacher and researcher	Faculty of Informatics and Information Technologies STU	2004 – 2020
Associate Professor	Faculty of Mathematics and Physics, Comenius University	2020 –

V. - Overview of activities within the teaching career at the university

V.2 - Overview of the responsibility for the delivery, development and quality assurance of the study programme or its part at the university in the current academic year

V.2.a - Name of the study programme	V.2.b - Degree	V.2.c - Field of study
Applied Informatics	II.	Computer Science
Computer Science	III.	Computer Science
Applied Informatics	I.	Computer Science

V.4 - Overview of supervised final theses

V.4.1 - Number of currently supervised theses

V.4.a - Bachelor's (first degree)	4 x BP
V.4.b - Diploma (second degree)	5x DP3, 3x DP1
V.4.c - Dissertation (third degree)	2

V.4.2 - Number of defended theses

V.4.a - Bachelor's (first degree)	57
V.4.b - Diploma (second degree)	81
V.4.c - Dissertation (third degree)	1

V.5 - Overview of other courses taught in the current academic year according to study programmes

V.5.a - Name of the course	V.5.b - Study programme	V.5.c - Degree	V.5.d - Field of study
Architectures of Software Systems	Applied Informatics	II.	Computer Science
Agile software development in teams	Applied Informatics	II.	Computer Science
Workplace seminar	Informatics	III.	Computer Science
Monitoring and processing of literature	Informatics	III.	Computer Science
Scientific activity I, II, III	Informatics	III.	Computer Science

VI. - Overview of the research/artistic/other outputs

VI.1 - Overview of the research/artistic/other outputs and the corresponding citations

VI.1.1 - Number of the research/artistic/other outputs

VI.1.a - Overall	40
VI.1.b - Over the last six years	9

VI.1.2 - Number of the research/artistic/other outputs registered in the Web of Science or Scopus databases

VI.1.a - Overall	31
VI.1.b - Over the last six years	9

VI.1.3 - Number of citations corresponding to the research/artistic/other outputs

VI.1.a - Overall	370
VI.1.b - Over the last six years	190

VI.1.4 - Number of citations registered in the Web of Science or Scopus databases

VI.1.a - Overall	206
VI.1.b - Over the last six years	160

VI.1.5 - Number of invited lectures at the international, national level

VI.2 - The most significant research/artistic/other outputs

1	Polášek, Ivan - Uhlár, Marek: Extracting, Identifying and Visualisation of the Content, Users and Authors in Software Projects. In: LNCS Transactions on Computational Science XXI : Special Issue on Innovations in Nature-Inspired Computing and Applications. - New York : Springer Berlin Heidelberg, 2013. - (Lecture Notes in Computer Science; 8160). - ISBN 978-3-642-45318-2 (http://link.springer.com/book/10.1007/978-3-642-45318-2). - online, pp. 269-295
2	Dusan Zahoransky, Ivan Polasek: Text Search of Surnames in Some Slavic and Other Morphologically Rich Languages Using Rule Based Phonetic Algorithms. IEEE/ACM Transactions on Audio, Speech & Language Processing 23(3) 2015, pp. 553-563, ISSN 2329-9290.
3	M. Stancek, I. Polasek, T. Zalabai, J. Vincur, R. Jolak, M. Chaudron, "Collaborative Software Design and Modeling in Virtual Reality", Elsevier Information and Software Technology, 2023
4	L. Radosky and I. Polasek, "Executable Multi-Layered Software Models", Designing '24, IEEE/ACM 46th International Conference on Software Engineering, Lisbon, Portugal, 2024
5	R. Jolak, M. Savary-Leblanc, M. Dalibor, A. Wortmann, R. Hebig, J. Vincur, I. Polasek, X. Le Pallec, S. Gérard, M. Chaudron, "Software engineering whispers: The effect of textual vs. graphical software design descriptions on software design communication", Empirical Software Engineering Journal, Springer, 2020

VI.3 - The most significant research/artistic/other outputs over the last six years

1	L. Radosky and I. Polasek, "Executable Multi-Layered Software Models", Designing '24, IEEE/ACM 46th International Conference on Software Engineering, Lisbon, Portugal, 2024
2	M. Stancek, I. Polasek, T. Zalabai, J. Vincur, R. Jolak, M. Chaudron, "Collaborative Software Design and Modeling in Virtual Reality", Elsevier Information and Software Technology, 2023
3	R. Jolak, M. Savary-Leblanc, M. Dalibor, A. Wortmann, R. Hebig, J. Vincur, I. Polasek, X. Le Pallec, S. Gérard, M. Chaudron, "The Influence of Software Design Representation on the Design Communication of Teams with Diverse Personalities", ACM/IEEE 25th International Conference on Model Driven Engineering Languages and Systems, Models 2022, Montreal, 2022

4	R. Jolak, M. Savary-Leblanc, M. Dalibor, A. Wortmann, R. Hebig, J. Vincur, I. Polasek, X. Le Pallec, S. Gérard, M. Chaudron, "Software engineering whispers: The effect of textual vs. graphical software design descriptions on software design communication", ACM/IEEE 43rd International Conference on Software Engineering, Journal-First Track, Madrid 2021
5	Rodi Jolak; Maxime Savary-Leblanc; Manuela Dalibor; Andreas Wortmann; Regina Hebig; Juraj Vincur; Ivan Polasek; Xavier Le Pallec; Sébastien Gérard; Michel R. V. Chaudron. Software Engineering Whispers: The Effect of Textual Vs. Graphical Software Design Descriptions on Software Design Communication. Journal of Empirical Software Engineering. Springer. ISSN 1573-7616. 2020

VI.4 - The most significant citations corresponding to the research/artistic/other outputs

1	Chotisarn, N., Merino, L., Zheng, X., Lonapalawong, S., Zhang, T., Xu, M., & Chen, W. (2020). A systematic literature review of modern software visualization. <i>Journal of Visualization</i> , 23(4), 539-558.
2	Perkusich, M., e Silva, L. C., Costa, A., Ramos, F., Saraiva, R., Freire, A., ... & Perkusich, A. (2020). Intelligent software engineering in the context of agile software development: A systematic literature review. <i>Elsevier Information and Software Technology</i> , 119, 106241.
3	KORKUT, Elif Hilal; SURER, Elif. Visualization in virtual reality: a systematic review. <i>Virtual Reality</i> , 2023, 27.2: 1447-1480.
4	ERNST, Neil A.; ROBILLARD, Martin P. A study of documentation for software architecture. <i>Empirical Software Engineering</i> , 2023, 28.5: 122.
5	MORENO-LUMBRERAS, David, et al. CodeCity: A comparison of on-screen and virtual reality. <i>Information and Software Technology</i> , 2023, 153: 107064.

VI.5 - Participation in conducting (leading) the most important research projects or art projects over the last six years

1	InnovAlte (Illuminating Pathways for AI-Driven Breakthroughs), EU Funding Context, call "Transformation and Innovation Consortia (TIC)" issued by the Government Office of the Slovak Republic under the national Recovery and Resilience Plan, 2025-2027, author of the project proposal and coordinator
2	GenAI-SWE, Enlight Incubator Grant, Comenius University Bratislava, University of Galway, University of Göttingen, University of Groningen, 2025-2027
3	TERAIS (Towards Excellent Robotics and Artificial Intelligence at a Slovak university), Horizon Europe programme under the Twinning call, 2022-2025
4	Interrelatedness, Visualization, and Recovery of Heterogeneous Software Knowledge 01.01.2019-31.12.2022, VEGA 1/0759/19

IX. - Other relevant facts

Súhlas so spracovaním osobných údajov

Prevádzkovateľ:

Univerzita Komenského v Bratislave

Fakulta matematiky, fyziky a informatiky (FMFI UK)

Mlynská dolina, 842 48 Bratislava IČO: 00397865

Dotknutá osoba (Uchádzač): Ivan Polášek

Dátum narodenia: 8.6.1964

Trvalé bydlisko: Súmravná 18, 821 02 Bratislava, SR

Rozsah a účel spracovania

Týmto udeľujem súhlas FMFI UK so spracovaním mojich osobných údajov, uvedených v predložnom životopise a iných prílohách za účelom realizácie výberového konania na obsadenie pracovnej pozície: docent na KAI.

V Bratislave dňa
22.5.2026

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Podpis uchádzača