



MIKLÓS HORNYÁK

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Nationality: Hungarian

Date of birth: 28.06.1971

Sex: male

Workplace: University of Pécs Faculty of Business and Economics (UPFBE),

Department of Management Science

Job position: Assistant Professor

EDUCATION AND TRAINING

PhD/Regional Science

2019

University of Pécs Faculty of Business and Economics

MA/Network Communication

2019

University of Pécs Faculty of Humanities

MSc/Civil engineer, Geoinformatics

2000

Technical University of Budapest, Faculty of Civil Engineering

BSc/Informatics engineer, architect

1994

University of Pécs Faculty of Informatics

LANGUAGE SKILLS

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	B2
Esperanto	A2	A2	A2	A2	A2

Language exams:

English complex B2

Esperanto complex A2

AWARDS AND ACHIEVEMENTS

Lecturer of the Year

2021, UPFBE Janus Pannonius Economics College of Advanced Studies

New National Excellence Program

2018, Measuring of SME's Competitiveness

WORK EXPERIENCE

assistant professor | University of Pécs Faculty of Business and Economics

2020 –

senior data scientist | University of Pécs Informatics Directorate

2022 –

assistant lecturer | University of Pécs Faculty of Business and Economics

2015-2020

research assistant | University of Pécs Faculty of Business and Economics

2012-2015

IT engineer | University of Pécs

2002-2012

Independent IT advisor | various projects

1998-2015

TEACHING EXPERIENCE

Course name	Level	Language	Course Leader (Y/N)	Own course development(Y/N)	Joint course development (Y/N)
Digitalizáció és üzleti automatizáció	BSc	Hungarian	I	I	N
FinTech: digitális átalakulás a pénzügyekben	BSc	Hungarian	N	N	I
Gazdaságinformatikai esettanulmányok	BSc	Hungarian	I	N	I
Projektmenedzsment és csoportmunka IT támogatása	BSc	Hungarian	N	I	N
Információs rendszerek	BSc	Hungarian	I	I	N
Gazdaságinformatika	BSc	Hungarian	N	N	N
eHR rendszerek	BSc	Hungarian	N	I	N
Agilis projektmenedzsment	MBA	Hungarian	N	I	N
Digitális átalakulás	MSc	Hungarian	I	I	N
Pénzügyi modellek	MSc	Hungarian	N	N	I
Kutatástámogatás	PhD	Hungarian	N	N	I

THE WORLD OF PRACTICE

Involvement in world of practice activities at the School	
Name	Role
iExpo	Expert
Hackathon	Mentor

Corporate projects			
Name	Date	Role	Responsibilities
Rátgéber Kosárlabda Akadémia	2022-2023	Adattudós	Data management

Memberships			
Name	Date	Role	Responsibilities
Neumann János Számítógéptudományi Társaság	2020-	member	
Magyar Regionális Tudományi Társaság	2020-	member	
MTA Köztestület	2024-	member	

Intellectual rights and properties	
Name	Date
SME Competitiveness Model (WebIndex)	2023
Medminer, Personogram	2019

RESEARCH INTEREST AND PROJECTS

Project Name	Title	Responsibilities
SME Competitiveness	WebIndex, KIVI	Examining SME's website with algorithm. Extend competitiveness model with institutional examination.
LEAD Network	Systemic Literature Review	SLR with algorithm in Python
The role of domestic companies in the re-industrialization of the nation	SDG/ESG and digitalization	SDG goals with textmining in Python

PUBLICATION HIGHLIGHTS

Szerb – Hornyák – Krabatné - Rideg | 2023 | Közgazdasági Szemle
Magyarországi városrégiók versenyképességének mérése és elemzése

Szerb – Horváth – Lukovszki – Hornyák - Fehér | 2022 | International Journal of Sociology
The Role Of Entrepreneurship Ecosystems In Hungarian Urban Regions

Lányi – Kruzslicz - Hornyák | 2021 | Competitiveness Review
The effect of online activity on SMEs' competitiveness

The detailed list of publications is available in the Hungarian Scientific Bibliography at:

[Publications in MTMT](#)

[ORCID](#)

FURTHER SKILLS AND COMPETENCIES

Student Mentor