

# Gergő Pintér

## employment

### research fellow

- at Corvinus University of Budapest
  - ANETI Lab, Corvinus Institute of Advanced Studies
  - Institute of Data Analytics and Information Systems
- from 2022-06-01

### university research assistant

- at Óbuda University
- from 2016-02-01 to 2022-03-31

### software developer

- at Institute for Computer Science and Control, Hungarian Academy of Sciences (MTA SZTAKI)
  - Department of Distributed Systems
- from 2015-10-01 to 2016-09-30

## education

### PhD in Applied Informatics

- Óbuda University, Budapest, Hungary
- EQF<sup>[1]</sup> level: 8
- dissertation: Analyzing the Mobility Customs of the Urban Population Using Mobile Network Data

### Engineering Information Technologist (MSc)

- Óbuda University, Budapest, Hungary
- EQF<sup>[1]</sup> level: 7
- thesis: Fault-tolerance in distributed stream processing systems

### Engineering Information Technologist (BSc)

- Óbuda University, Budapest, Hungary
- EQF<sup>[1]</sup> level: 6
- thesis: Support for Nature Inspired Coordination Models

## teaching experience

- Software Engineering (INIR033NAMB)
  - at Corvinus University of Budapest (2024--)
  - semester: fall
  - in English
- Software Engineering at Multinational Companies (NAISF1SVND)
  - at Óbuda University (2017—2021)
  - semester: spring, fall
  - in Hungarian
  - in association with Robert Bosch Ltd., responsible for practicals and project assignments

## language skills

- mother tongue: Hungarian
- other language(s):
  - English

- certificate: CEFRL<sup>[2]</sup> B2 (2009-06-23)
- self-assessment: CEFRL<sup>[2]</sup> C1
- Swedish
  - certificate: CEFRL<sup>[2]</sup> B1 (2019-11-06)

## other certificates

- iaijutsu
  - level: 1st dan (2025-05-26)
  - organization: ISBA
  - note: Shinto Munen Ryu Tachi Iai

## latest publications

### 2025

- Quantifying barriers of urban mobility
  - Gergő Pintér, Balázs Lengyel
  - Cities 2025, 167; [10.1016/j.cities.2025.106322](https://doi.org/10.1016/j.cities.2025.106322)

### 2024

- Revealing urban area from mobile positioning data
  - Gergő Pintér
  - Scientific Reports 2024, 14 (1); [10.1038/s41598-024-82006-5](https://doi.org/10.1038/s41598-024-82006-5)

### 2023

- Amenity complexity and urban locations of socio-economic mixing
  - Sándor Juhász, Gergő Pintér, Ádám Kovács, Endre Borza, Gergely Mónus, László Lőrincz, Balázs Lengyel
  - EPJ Data Science 2023, 12 (1); [10.1140/epjds/s13688-023-00413-6](https://doi.org/10.1140/epjds/s13688-023-00413-6)

### 2022

- Awakening City: Traces of the Circadian Rhythm within the Mobile Phone Network Data
  - Gergő Pintér, Imre Felde
  - Information 2022, 13 (3); [10.3390/info13030114](https://doi.org/10.3390/info13030114)
- Commuting Analysis of the Budapest Metropolitan Area Using Mobile Network Data
  - Gergő Pintér, Imre Felde
  - ISPRS International Journal of Geo-Information 2022, 11 (9); [10.3390/ijgi11090466](https://doi.org/10.3390/ijgi11090466)

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[1] European Qualifications Framework

[2] Common European Framework of Reference for Languages