

Csapó Ádám Balázs

Rektori szervezet / Adatelemzés és Informatika Intézet
Rektori szervezet / Corvinus Institute for Advanced Studies
Year of birth: 1985

Qualifications, scientific degrees

Higher education qualifications

- 2003 - 2008
  Budapest Univ. of Technology and Economics, Technical Informatics (MSc/MA)

Scientific degrees and awards

- 2014, PhD
  Budapest Univ. of Technology and Economics

Career

Workplaces

- 2023 -
  Corvinus University of Budapest, Associate professor, Professor (since 2025)
- 2022 - 2023
  Óbuda University, Associate professor
- 2013 - 2022
  Széchenyi István University, Assistant professor, Associate professor (since 2016)
- 2010 - 2016
  MTA SZTAKI (Institute for Computer Science and Control, Hungarian Academy of Sciences), Research assistant

Important study tours, delegacies

- 2008, 6 months
  Norwegian University of Science and Technology
- 2008, 18 months
  The University of Tokyo

Awards, titles, honors

- 2006, Young Researcher's Award
  Hungarian Fuzzy Association
- 2007, OTDK 1st prize
  National Conference of Student Research Societies
- 2007, Pro Scientia Gold Medal

National Conference of Student Research Societies
- 2013, Ányos Jedlik Doctoral Candidate Scholarship
  National Excellence Program

Language skills

Language	Speaking	Writing	Reading	Media appearance
Hungarian	Native	Native	Native	No
English	Advanced	Advanced	Advanced	No
French	Intermediate	Intermediate	Advanced	No

Research, professional activity

Major taught courses or fields of education:

Programming (C++, Python), Data science, Machine learning, Artificial intelligence

Field of science and discipline:

informatics

Current fields of research:

cognitive infocommunications, data science

Previous fields of research:

cognitive infocommunications, virtual reality, auditory displays

Major research projects

- 2022 - , Cognitive Mapping of Decision Support Systems
  Form of participation: member of the research team
  Moneylender: Hungarian Research Network
  Further info about research: Title of sub-task: Development of fuzzy spiral discovery method for the identification of decision support systems

- 2016 - 2021, FIEK - Centre for University-Industry Cooperation
  Form of participation: leader of the research team
  Moneylender: GINOP
  Further info about research: Founder and head of OpenVR laboratory at Széchenyi István University

- 2015 - 2018, Sound of Vision H2020 Project
  Form of participation: member of the research team

Moneylender: EU Horizon 2020 Framework
Further info about research: Title of sub-task: Development and implementation of spatial audio model for navigation and obstacle dectection

- 2009 - 2011, Hungarian-Norwegian Research Based Innovation for Development of New, Environmental-Friendly, Competitive Robot Technology
  Form of participation: member of the research team
  Moneylender: EEA Grants
  Further info about research: Title of sub-task: Implementation of audio-based CogInfoCom channels for feedback in the VirCA virtual collaboration system

Publications

- Interpretable Modeling of Human Decision-Making from User Interactions in a Dynamic Stabilization Task
- Subsample, generate, and stack using the spiral discovery method: a framework for autoregressive data compression and augmentation
- Comparing desktop 3D virtual reality with web 2.0 interfaces: Identifying key factors behind enhanced user capabilities
- Cognitive Aspects of Virtual Reality
- VR as a medium of communication: from memory palaces to comprehensive memory management
- A survey of assistive technologies and applications for blind users on mobile platforms: a review and foundation for research
- Overview of auditory representations in human-machine interfaces

Contacts

Location at the university

- Building: C
  Room number: 623
  Extension:
  Main line:
  Fax:
  Internal fax:

E-mail address: adambalazs.csapo@uni-corvinus.hu

Other professional profiles

LinkedIn: https://www.linkedin.com/in/adam-csapo-phd-20534b83/

MTMT: https://m2.mtmt.hu/api/author/10017890

Scholar: https://scholar.google.com/citations?hl=en&user=5WMeN5UAAAAJ

Other professional profile 1: https://orcid.org/0000-0001-9885-137X