POURIYA
MIRI

CONTACT

E-mails	pouriya.miri@fri.uni-lj.si
	pouriya98@icloud.com
Phone	+386 51 228 027
LinkedIn	https://www.linkedin.com/in/pouriya-miri/
WebPage	https://pouriyamiri.github.io

ABOUT ME

I am a dynamic Iranian individual born on 9th September 1998, currently excelling as a dedicated and highly skilled PhD candidate in computer sciences. My speciality is intelligent systems, and I am deeply involved in research on blockchain and decentralized technologies. With a deep commitment to societal impact, I navigate the realms of software engineering, semantics, distributed systems, edge and fog computing, cloud computing, and blockchain technologies within my research group. My passion for cutting-edge technologies drives my desire to contribute to the technology industry, where I hope to apply my expertise to real-world problems. A dynamic, fast-paced environment is my ideal environment, as I am eager to embrace new challenges. In addition to my academic background, I have practical experience that positions me as an asset who is ready to make a significant contribution.

EDUCATION

PhD in Computer Sciences - Software Engineering   **2022 - Now**
University of Ljubljana | *Ljubljana, Slovenia*

- Thesis topic: "Exploration of Decision Options within Complex Workflows"

Continuous Track MSc in Physics   **2016 - 2022**
Institute for Advanced Studies in Basic Sciences (IASBS) | *Zanjan, Iran*

- Thesis topic: "Probing the imprint of Primordial Mass Segregation along with the Tidal Tails of star clusters"

EXPERIENCE

YOUNG RESEARCHER   **2023 - now**
University of Ljubljana | *Ljubljana, Slovenia*

- Engaged in the development of Decentralized Technologies and Intelligent Systems
- Dedicated to advancing the UN's Sustainable Development Goals
- Serving as a Coach and Evaluator for the TRUSTCHAIN NGI project
- Contributing to the BUILDCHAIN project

TEACHING ASSISTANT

University of Ljubljana | *Ljubljana, Slovenia*

- Introduction to Computer Sciences I, *BSc Lecture*, **2023/24**

Institute for Advanced Studies in Basic Sciences (IASBS) | *Zanjan, Iran*

- Differential Equations taught by Dr Fazlollah Soleymani **2020/21**
- Mechanics taught by Prof. Farshid Mohammad-Rafie **2018/19, 2019/20**
- Computer Programming taught by Dr Bahman Farnoudi **2018/19**

MODERATOR

Institute for Advanced Studies in Basic Sciences (IASBS) | *Zanjan, Iran*

- Computational Units, *Hardware and Software*, **2019 - 2022**
- Virtual Conferences **2020 - 2022**

SUMMER INTERNSHIP   2020

Jülich Supercomputing Centre (JSC) | *Jülich, Germany*

SKILLS

● ● ●	Linux, Windows, C++, HTML, CSS, Microsoft Office
● ● ○	LaTeX, JavaScript, React, React Native, Node.Js, Adobe Photoshop
● ○ ○	Arduino

Languages
- Persian (native)
- English (Intermediate)
- German (Beginner)
- Slovene (Beginner)

PUBLICATIONS

Journal   **P. Miri**, P. Kochovski, and V. Stankovski (2024). "Potential Use of Semantic Blockchain Technology in Smart Construction". In: *Proceedings of the Institution of Civil Engineers - Civil Engineering*, pp. 1–9. DOI: 10.1680/jcien.23.00090.

Conference   **P. Miri** and M. Mansoury (2019). "Sundial Sunflower". 22nd *Meeting on Research in Astronomy at IASBS*, Zanjan, Iran.

P. Miri and V. Stankovski (2024). "Enhancing Transparency and Efficiency in Urban Management: Integrating Stochastic Models and Blockchain Technology". *7th International Conference on Intelligent Human Systems Integration(IHSI 2024) at University of Palermo*, Palermo, Italy.

P. Miri, V. Stankovski, P. Kochovski, and M. Klun (2023). "Technological Solutions for Transparent Monitoring, Citizen Engagement, and Achieving the Sustainable Development Goals". IASIA 2023 Conference "Building Better Futures of Governance towards Achieving the SDGs in a VUCA World", Manila, Philippines.

CONFERENCES

24th **Meeting on Research in Astronomy** **2022**
Institute for Advanced Studies in Basic Sciences (IASBS) | *Zanjan, Iran*

2nd **INO (Iranian National Observatory) Workshop on Star Clusters and Initial Mass Function** **2021**
Institute for Advanced Studies in Basic Sciences (IASBS) | *Zanjan, Iran*

26th **School of Physics** **2021**
Institute for Advanced Studies in Basic Sciences (IASBS) | *Zanjan, Iran*

26th **Annual Condensed Matter Physics Meeting** **2021**
Institute for Advanced Studies in Basic Sciences (IASBS) | *Zanjan, Iran*

23rd **Meeting on Research in Astronomy** **2020**
Institute for Advanced Studies in Basic Sciences (IASBS) | *Zanjan, Iran*

Mercury Transit Workshop **2019**
Institute for Advanced Studies in Basic Sciences (IASBS) | *Zanjan, Iran*

7th International Conference on Intelligent Human Systems Integration **2024**
IHSI 2024 | *Palermo, Italy*
(Poster Presentation)

Building Better Futures of Governance towards Achieving the SDGs in a VUCA World **2023**
IASIA 2023 Conference | *Manila, Philippines*
(Oral Presentation)

Big Data analysis with Hadoop and RHadoop **2022**
Slovenian National Competence Center for HPC | *Ljubljana, Slovenia*

Introduction to Parallel Programming with MPI and OpenMP **2020**
Jülich Supercomputing Centre (JSC) | *Jülich, Germany*

25th **School of Physics** **2020**
Institute for Advanced Studies in Basic Sciences (IASBS) | *Zanjan, Iran*

22nd **Meeting on Research in Astronomy** **2019**
Institute for Advanced Studies in Basic Sciences (IASBS) | *Zanjan, Iran*
(Poster Presentation)

12th **National Conference on Astronomy and Astrophysics of Iran** **2019**
Sistan and Balouchestan University | *Zahedan, Iran*

The Annual Physics Conference of Iran **2018**
Tehran University | *Tehran, Iran*

International Spring School and Conference on Multiscale Simulation of Soft Matter **2018**
Shiraz University of Technology | *Shiraz, Iran*

REFERENCES

Prof. Vlado Stankovski

Faculty of Computer and Information Sciences
University of Ljubljana
+386 (01) 4798 285
vlado.stankovski@fri.uni-lj.si

Prof. Hosein Haghi

Department of Physics
Institute for Advanced Studies in Basic Sciences (IASBS)
+98 (024) 3315 2124
haghi@iasbs.ac.ir