

# Fahimeh Farahnakian, D.Sc.

Postdoctoral Researcher (senior lecturer) at University of Turku (UTU)

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## PERSONAL

- Born on April 7, 1982
- Nationality: Persian-Finnish

## POSITIONS

**2018-present:** Postdoctoral Researcher & lecturer, Department of Future Technologies, University of Turku, Turku, Finland.

**2012-2016:** Researcher & Co-lecturer, Department of Information Technology, University of Turku, Turku, Finland.

**2008-2012:** Lecturer, Department of Computer Science, Esfahan, Iran.

## EDUCATION

**2012-2016:** Doctoral Degree, Information and Communication Technology, University of Turku, Turku, Finland.

**2005-2008:** Master of Science, Computer Engineering, Artificial Intelligence, Iran University of Science and Technology (IUST), Tehran, Iran.

## RESEARCH INTERESTS

- Artificial Intelligence, Machine Learning, Computer vision, Neural Networks, Deep Learning, Big Data
- Data analysis, Knowledge Discovery
- Autonomous Multi-agent System
- Distributed System, Cloud Computing
- Dynamic Power Management, Network-on-Chip

## SOCIETAL IMPACT OF RESEARCH

- Number of Referred Peer-Reviewed Publications: **38**
  - ✉ Book: **1**,
  - ✉ Journals: **7**,
  - ✉ Peer-Reviewed Conference Proceedings: **27**,
  - ✉ National Journals: **2**,
  - ✉ Own Ph.D. Thesis: **1**,
- Keynote Talk: **3**,
- **15** Bachelor's thesis supervision, **3** Master's thesis supervision,
- Google Scholar Research Citations by 2020: **983** Citations, H-index:**15**, i-10 index: **17**,
- Research Gate: **784** Citations, Article Reads: **11,344** (March 2020),
- Advisory Board member of international journals and conferences. **12**
- Research Work Presentation Worldwide- Over **20** Countries
- Journal Paper Reviewers: Over **24** different journals, Conference Paper Reviewers: **10**
- BSc. Thesis Suoervsion:**15**, MSc. Thesis Supervision:**3**

## AWARDS AND SCHOLARSHIPS

- Ulla Tuominen Foundation Research Excellence Award, 2019.
- PoDoCo Foundation (Postdoc in Company), 2017.
- Finnish Culture Foundation, 2016.
- Tekniikan edistämmissäätiö (TES) grant, 2016.
- Ulla Tuominen Foundation Research Excellence Award, 2014.
- Nokia Foundation Research Excellence Award, 2014.
- Best Paper Award from 22th IEEE Euromicro Conference on Parallel, Distributed and Network-Based Computing (PDP), 2014.

- Best Paper Award from IEEE International Conference on Networked Embedded Systems for Enterprise Applications (NESEA), 2012.
- Research Grant Award for Excellence in Graduate Studies from Turku University Foundation, 2011.
- 2-year scholarship for Doctoral Degree from University of Turku Graduate School (UTUGS), 2014.
- 2-year scholarship for Doctoral Degree from Graduate School in Electronics, Telecommunications and Automation (GETA) of Helsinki University of Technology, 2012

## IT SKILLS

**Programming:** C/C++, Java, Python, HTML, Matlab

**Cloud simulation:** CloudSim, CloudsimSDN, GreenCloud

**Cloud computing software:** OpenStack, OpenStack Neat

**Network simulation:** Omnet++

**Machine Learning Tools:** Weka, Orange

**Remote sensing Tools :** ILWIS, NDVI

**Computer Knowledge:** Front Page, Flash, Office, Photo Shop

**Operation Systems:** Windows, UNIX/Linux

## CAPABILITIES

- Think globally and act locally
- Master new concept and ideas
- Good relationship and having influences
- Be open-minded, creative and innovative
- Motivate, manage and provide leadership
- Deliver the highest quality of work

## LANGUAGES

- English: fluent
- Finnish: intermediate (passed Yki testi)
- Persian: native speaker

## REFERENCES

1. **Jukka Heikkonen, Full Professor**, Department of Future Technologies, FI-20014 Turun Yliopisto, Finland, Mobile +358415271693, Email : [jukhei@utu.fi](mailto:jukhei@utu.fi)
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