

CURRICULUM VITAE

Sahar Chehrazad, Email: Sahar.chehrazad@student.kuleuven.be , DoB 19 Sep 1990, Nationality Iranian

EDUCATION AND TRAINING

University of Leuven, Belgium, 2017-2018 Advanced master in Artificial intelligence

Courses: Fundamentals of Artificial Intelligence, Machine Learning and Inductive Inference, Cognitive Science, Genetic algorithms and Evolutionary computing, Programming Language and Programming Methodologies(Prolog), Uncertainty in artificial intelligence, Data mining, Machine Vision, Robotics, Support Vector Machines

University of Tabriz, Iran, 2014-2016 M.Sc. in Computer Engineering, Software

Completed Courses: Advanced Database, Parallel Algorithms, Advanced Computer Networks, Distributed Systems, Advanced Software Engineering, Modeling and Evaluation of Computer Systems, Special Topics (Data mining), Advanced Computer Architecture, Seminar, Thesis

GPA: 19.65 out of 20 (98.25 out of 100)

Master Thesis Topic: Using Evolutionary Algorithms for Solving Coverage Problem In Wireless Sensor Networks With Heterogeneous Event Rate

Research Advisor: Dr. Hadi Aghdasi

University of Tabriz, Iran, 2008-2012 B.Sc. in Information Technology (IT)

GPA: 16.48 out of 20 (82.4 out of 100)

Bachelor Thesis Topic: Defense against External wormhole attack in wireless sensor networks

Research Advisor: Dr. Mina Zolfy

University of Salerno 2015-2016

Research collaboration with Prof. Siano's research group

Responsibility: Optimization algorithms on smart grids

University of Tabriz, Department of Electronics and Computer Engineering 2013-2016

Robotic group

Responsibility: Object tracking (estimating the position of small size soccer robots)

HONORS AND AWARDS

Ranked 2 (out of 10) among the graduated people from Tabriz University (Information Technology 2012)

Ranked 1st among the graduated people from Tabriz University (Computer Engineering- Software 2016)

SUBMITTED PUBLICATION

- S. Chehrazad, H. S. Aghdasi, N. Shariati, M. Abolhasan, "Addressing Coverage Problem in Wireless Sensor Networks Based on Evolutionary Algorithms", **Accepted** in the 23rd Asia-Pacific Conference on Communication, Perth, 2017.
- S. Chehrazad, N. Shariati, M. Abolhasan, "Defense Against External Wormhole Attack in Wireless Sensor Networks", submitted to The 17th International Symposium on Communications and Information Technologies (ISCIT2017), 2017.

PATENT

Patent Title:

Smart agricultural pumps control using real-time identification approach

Patent Application Number:

87709

Inventors:

Mojtaba Sharifzadeh, Hasan Beglari, Sahar Chehrazad, Ahmad Akbari

EMPLOYMENT HISTORY	
R&D	Sahar Sabz Company 2012-2013
Responsibilities: increasing sale of products by assessing market needs, being in touch with foreign companies for purchase and sale of products, providing company with new ideas in product packaging, finding new opportunities for the company	
WORK EXPERIENCE	
Bachelor thesis consultant	Freelance 2014-2016
Translator	Freelance 2010-2016

TEACHING EXPERIENCE	
TUTOR at University of Tabriz	Multimedia (Fall 2015)
English Teacher	Freelance 2013-2016

CODING SKILLS	
C	Excellent
C++	Excellent
MATLAB	Excellent
CPN TOOLS	Excellent
Java	Fair
LaTeX	Fair

RESEARCH INTEREST
Machine Vision
Machine Learning
Image Processing
Wireless Sensor Networks
UAV networks
Visual Sensor Networks
Optimization
Internet of Things
Bioinformatics

TOEFL IBT SCORE	95
Reading	24
Listening	22
Speaking	24
Writing	25

LANGUAGE	
English	Proficient user
Persian	Native
Turkish	Native

REFERENCES
1. Dr. Hadi Aghdasi, Professor of Faculty of Electrical & Computer Engineering, Department of Computer Engineering University of Tabriz, Ph: 0098-41-3339-3753, E: aghdasi@tabrizu.ac.ir
2. A/Prof. Pierluigi Siano, Eng., Ph.D., SMIEEE, Associate Professor of Electrical Energy Engineering Department of Industrial Engineering, University of Salerno, Ph: +39 089 96 4294, E: psiano@unisa.it
3. Prof. Ahmad Akbari (Supervisor of Patent), Assistant professor of Control Engineering, Electrical Engineering Faculty, Sahand University of Technology, E: a.akbari@sut.ac.ir , Ph: +98 413 345 9334
4. Dr. Kumars Rouzbehi, Senior Researcher, UPC. Universitat Politècnica de Catalunya. BarcelonaTech, E : kumars.rouzbehi@upc.edu