Ali Kazemi
Résumé

Address: Danesh Dormitory of KNTU, Tehran, Iran
Email: alikazemi@ieee.org
Phone: +989152390307

Education

- **September 2014-March 2018:** Bachelor student in Electrical Engineering, major of communication systems, Ferdowsi University of Mashhad. **GPA: 15.79/20**
- **2009-2013:** High school diploma in physics and mathematics discipline, Hasheminezhad high school, affiliated with the National Organization for Development of Exceptional Talents (NODET). **GPA: 18.78/20**

Research Interests

- Medical Image Processing
- Speech Processing
- Deep Learning
- Pattern Recognition
- Machine Learning
- Compressive Sensing

Online Courses

- Fundamentals of Programming with MATLAB, Vanderbilt University, Coursera
- Machine Learning, Stanford University, Coursera
- Fundamentals of Digital Image and Video Processing, Northwestern University, Coursera
- Python Basis, University of Michigan, Coursera

Academic Experiences

- **Summer 2018- Winter 2019:** Smoke detection using sparse representation and classification algorithms. (B.Sc. Final project)
- **Summer 2018:** Implementing 3 layers neural network for digit recognition in MATLAB.
- **Summer 2018:** Implementing Email classifier to spam and non-spam Emails in MATLAB exploiting logistic regression algorithm.
- **Spring 2018:** Implementing AI of the following games in MATLAB: "Influence" with minimax algorithm, "Flow Line" with constraint satisfaction algorithm, and "unblock me" with different uninformed and informed search algorithms. (Artificial Intelligence Expert Systems: course projects)
- **Spring 2016:** Developed "Snake and Ladder" game in Java using NetBeans (Advanced Programming: course project)

Technical Skills

- Expert in MATLAB programming and toolbox, including object-oriented programming, lives editor, various methods of data visualization, GUI, familiar with the following toolboxes: PID tuner, natural language processing, machine learning, and optimization.
- Proficient in C, C++, and Java.
- Proficient in hardware description languages: Verilog and VHDL.
- Familiar with Python programming.

Languages

English: Fluent
   TOEFL iBT (September 2018)
   overall score: **94/120**
   Detailed score: Reading: 23/30, Listening: 28/30, Speaking: 21/30, Writing: 22/30

References

- Dr. Seyed Alireza Seyedin Faculty member of Electrical Engineering Department, Associate Professor, Faculty of Engineering, Ferdowsi University of Mashhad
  Email: seyedin@um.ac.ir
  Website: http://seyedin.profcms.um.ac.ir

- Dr. Mohammad Saeed Majedi Faculty member of Electrical Engineering Department, Assistant Professor, Faculty of Engineering, Ferdowsi University of Mashhad
  Email: majedi@um.ac.ir
  Website: http://majedi.profcms.um.ac.ir