Ali Sorour Amini

📞 +98 (939) 599-2486
✉ ali.sorouramini@gmail.com
🔗 https://alisoam.github.io
⌗ https://github.com/alisoam

EDUCATION

2016 – 2019 **Master of Science**
THESIS TITLE — Virtualized IoT Platform for Smart Cities
ELECTRICAL ENGINEERING
COMMUNICATIONS NETWORKS
GPA: 18.18/20 (3.77/4)
University of Tehran

2012 – 2016 **Bachelor of Science**
THESIS TITLE — Wave Progpagation Modeling with Raytracing
ELECTRICAL ENGINEERING
COMMUNICATIONS
18.21/20 (3.94/4)
University of Tehran

RESEARCH INTERESTS

Computer Networks   Game Theory
Machine Learning   Distributed Algorithms
Optimization

COMPUTER SKILLS

LANGUAGES — C/C++, Python, Go, Bash, Verilog
SOFTWARE — Matlab, LaTeX
TECHNICAL SKILLS — Git, Linux, Docker, RabbitMQ
Kubernetes, OpenStack, Elastic Search

SELECTED COURSES

Pattern Recognition($\frac{19}{20}$)   Advanced Programing($\frac{20}{20}$)
Introduction to Big Data($\frac{19}{20}$)   Data Network($\frac{19.8}{20}$)
Advanced Data Network($\frac{19}{20}$)   Game Theory($\frac{18.5}{20}$)
Digitial Logic Design($\frac{20}{20}$)   Computer Network($\frac{19.7}{20}$)

LANGUAGE TESTS

- TOEFL iBT: 101 (R: 29, L: 30, S: 20, W: 22)

TEACHING EXPERIENCES

SPRING 2015   (LABORATORY TA)

Introduction to Computing Systems &
Programming
Instructor: **Dr. Hadi Moradi**

WINTER 2016, 2017   (TA)

Computer Networks
Instructor: **Dr. Vahid Shahmansori**

SPRING 2019   (TA)

Game Theory
Instructor: **Dr. Hamed kebriae**

FALL 2019   (TA)

Pattern Recognition
Instructor: **Dr. Babak Nadjar Araabi**

RESEARCH AND WORK EXPERIENCE

FROM OCT 2019

CafeBazaar - Android Marketplace for Iranians,
Developer - Video on Demand

The most popular and successful android application store in Iran, with
30M of users. The company was founded in 2012 and currently is the
third most successful Iranian startup.

JUN 2017 – FEB 2018

Wireless Communications Lab - University of Tehran
M.Sc. student, Research Assistant

Running a demo of ETSI MANO using Open Air Interface vEPC
components as VNFs, OpenStack as VIM and OpenBaton as NFVO;
Under supervision of **Dr. Vahid Shahmansouri**.

FROM JUN 2016 – AUG 2017

ESFA Lab - University of Tehran
M.Sc. student, Research Assistant

Design and development of a measurement device used to identify phase
(R, S, T) of electrical system subscribers. In the pilot stage more than
70000 subscribers have been measured; Under supervision of **Dr. Mahdi
Davarpanah**.

JUN 2015 – AUG 2015

Wireless Communications Lab - University of Tehran
B.Sc. student, Research Assistant

Development of a gateway software between Iotivity constrained devices
and Iotivity cloud; Under supervision of **Dr. Vahid Shahmansouri**.

OCT 2015 – JAN 2016

Array Processing Lab - University of Tehran
B.Sc. student, Research Assistant

Implementing a wireless communication link using SDR board based on
Xilinx ZYNQ 7020 and analyzing among different modulations; Under
supervision of **Dr. Aliazam Abbasfar**.

REFERENCES

Dr. Vahid Shahmansouri
POSITION — Assistant Professor
School of Electrical and Computer Engineering
University of Tehran

Dr. Mahdi Davarpanah
POSITION — Assistant Professor
School of Electrical and Computer Engineering
University of Tehran

Dr. Babak Nadjar Araabi
POSITION — Professor
School of Electrical and Computer Engineering
University of Tehran