






# HAMED NAZARI

 **Lecture In Computer Engineering at Bushehr Islamic Azad University**  
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 **[Google Scholar](#)**

## EDUCATION

SEP 2014 – SEP 2017

### **M.Sc. Information Technology – Computer Networking**

Urmia University, West Azerbaijan, Urmia, Iran

Thesis: "A Novel Approach for Traffic Engineering in Software-defined Wireless Networks"

GPA: 17.77/20 (3.81/4)

SEP 2010 – NOV 2013

### **B.Sc. Information Technology**

Islamic Azad University, Bushehr Branch, Bushehr, Iran

Final Project: "A Social Media Data Collector: Facebook Use case"

GPA: 18.52/20 (3.87/4)

## RESEARCH INTERESTS

My research interests include (but not limited to):

- ✓ *Internet of Things (IoT)*
- ✓ *Software-defined Networking (SDN)*
- ✓ *Machine Learning applications in computer networks*
- ✓ *Wireless sensor networks (WSNs)*

## EXPERIENCES

SEP 2019 – PRESENT

### **Visiting Instructor**

Islamic Azad University, Bushehr Branch, Bushehr, Iran

I have been teaching several courses, including:

- ✓ *Advanced Programming (C#)*
- ✓ *Technical English for Computer Science*
- ✓ *Computer Networks LAB*
- ✓ *Operating Systems LAB*

JAN 2020 – PRESENT

### **Visiting Instructor**

Islamic Azad University, Borazjan Branch, Bushehr, Iran

I have been teaching several courses, including:

- ✓ *Fundamentals of Programming (C#)*
- ✓ *Operating Systems LAB*

SEP 2018 – SEP 2020

**Instructor**

Rahjuyan Danesh University of Borazjan, Bushehr, Iran

Taught courses:

- ✓ *Technical English for Computer Science*
- ✓ *Computer Networks*
- ✓ *Computer Networks LAB*
- ✓ *Operating Systems LAB*

SEP 2017 – JAN 2019

**Head of ICT Department & Instructor**

Mojtame Fanni Tehran, Borazjan branch, Bushehr, Iran

I was in charge of scheduling courses, providing and conducting the online courses final evaluation, along with assessing trainers overall performance. I have also instructed courses such as:

- ✓ *C# programming*
- ✓ *Network+*
- ✓ *ICDL*

SEP 2011 – SEP 2013

**Teacher Assistant**

Islamic Azad University, Bushehr branch

I was TA of the following courses:

- ✓ *Fundamentals of Programming (C#)*
- ✓ *Advanced Programming (C#)*
- ✓ *Digital Design*

DEC 2014 – SEP 2015

**Coordinator - Computer Laboratory (student job)**

Department of Computer Engineering, Urmia University

I was in charge of reporting computer lab. equipment requirements, fixing hardware and software faults and managing students exploitation.

## PUBLICATIONS

### JOURNALS

Rezaeipanah, A., **Nazari, H.** (2020) "Performance Improvement of Routing Protocols in MPLS Networks Based on the Guaranteed Bandwidth and End-to-End Path Delay Focusing on Video Conference Applications" Under review of Artificial Intelligence Review Journal.

Rezaeipanah, A., **Nazari, H.**, & Abdollahi, M. (2020) "Reducing Energy Consumption in Wireless Sensor Networks Using a Routing Protocol Based on Multi-level Clustering and Genetic Algorithm." Journal of Computing Science and Engineering, 13(4), 163-174. [\[PDF\]](#)

Rezaeipanah, A., **Nazari, H.**, & Ahmadi, G. (2019). "A Hybrid Approach for Prolonging Lifetime of Wireless Sensor Networks Using Genetic Algorithm and Online Clustering." Journal of Computing Science and Engineering, 13(4), 163-174. [\[PDF\]](#)

# PRESENTATION

## WORKSHOPS

2016

### SDN: From Concept to Implementation

The 2<sup>nd</sup> National Conference on Distributed Computing and Big Data Processing, 2016, Shahid Madani University, Tabriz, Iran.

## CONFERENCES

**Nazari, H.**, Eslamnour, B. (2017, May), "A Novel Approach for Traffic Engineering in Software-defined Wireless Networks", 2nd International Conference on Electrical Engineering, Allameh Tabatabai University, Tehran, Iran (in Persian). [\[PDF\]](#)

Jalili, A., **Nazari, H.**, Namvarasl, S., & Keshtgari, M. (2017, December), "A comprehensive analysis of control plane deployment in SDN: In-band versus out-of-band solutions", IEEE 4<sup>th</sup> International Conference on Knowledge-Based Engineering and Innovation (KBEL), (pp. 1025-1031). [\[PDF\]](#)

# SKILLS

**Programming Languages:** C# (Excellent), Python (Good), C/C++ (Fair), MATLAB (Good), HTML/CSS/JavaScript (Good)

**Tools & Simulators:** Mininet, Mininet-wifi, SDN controllers (e.g. Floodlight, Ryu, POX), NS-2

**Hardware:** Raspberry PI, Arduino

**OS:** Windows, Linux

# LANGUAGES

✓ Farsi (Native)

✓ English (Fluent) – Overall IELTS Result 7 (L=7.5, R= 7.5, W= 6.5, S= 7 ).

# HONORS & AWARDS

✓ Ranked 1<sup>st</sup> among Information Technology Engineering B.Sc. students in Bushehr Islamic Azad University, 2013.

✓ Ranked among the top 3% of more than 11000 participants taking part in the M.Sc. entrance exam of IT Engineering in Iran, 2014.

# REFERENCES

Upon Request