

# HAMED NAZARI



Lecture In Computer Engineering at Bushehr Islamic Azad University



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<https://nazarihamed.github.io>



<https://scholar.google.com/citations?user=rmGkUg4AAAAJ&hl=en>

## 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 encompass (but not limited to):*

- ✓ *Software-defined Networking (SDN)*
- ✓ *Internet of Things (IoT)*
- ✓ *Wireless sensor networks (WSNs)*
- ✓ *Quality of Service/Experience (QoS/E)*

## EXPERIENCE

SEP 2019 – PRESENT

### Visiting Lecturer

Islamic Azad University, Bushehr Branch, Bushehr, Iran

*I have been teaching several courses, including:*

- |   |                                |
|---|--------------------------------|
| ✓ <i>Advanced Programming (C#)</i>              | ✓ <i>Computer Networks LAB</i> |
| ✓ <i>Multimedia Systems</i>                     | ✓ <i>Database LAB</i>          |
| ✓ <i>Fundamentals of Assembly (x86)</i>         | ✓ <i>Operating Systems LAB</i> |
| ✓ <i>Technical English for Computer Science</i> |                                |

JAN 2020 – PRESENT

### Visiting Lecturer

Islamic Azad University, Borazjan Branch, Bushehr, Iran

*I have been teaching several courses, including:*

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

SEP 2018 – SEP 2020

### Lecturer

Rahjuyan Danesh University of Borazjan, Bushehr, Iran

#### ***Taught courses:***

- ✓ *Multimedia Systems*
- ✓ *Digital Design*
- ✓ *Computer Architecture*
- ✓ *Fundamentals of Assembly (x86)*
- ✓ *Technical English for Computer Science*
- ✓ *Computer Networks*
- ✓ *Computer Networks LAB*
- ✓ *Database LAB*

SEP 2017 – JAN 2019

### Head of ICT Department & Instructor

Mojtame Fanni Tehran, Borazjan branch, Bushehr, Iran

***I have been 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 have been TA of the following courses:***

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

## 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" Journal of Computer Science and Technology (JCST) - (Under Review). [\[PDF\]](#)

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. [\[PDF\]](#)

## CONFERENCES

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

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. In 2017 IEEE 4<sup>th</sup> International Conference on Knowledge-Based Engineering and Innovation (KBEI) (pp. 1025-1031). IEEE. [\[PDF\]](#)

## WORKSHOP PRESENTATION

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.

## SKILLS

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

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

**OS:** Windows, Linux

## LANGUAGES

✓ Farsi (Native)

✓ English (Fluent)

## 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