HAMED NAZARI

Instructor 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

Department of Computer Engineering, Urmia University

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

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 Journal of Computer Science and Technology (JCST).

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", 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 4th International Conference on Knowledge-Based Engineering and Innovation (KBEI), (pp. 1025-1031). [PDF]

PRESENTATION

WORKSHOPS
2016
SDN: From Concept to Implementation
The 2nd 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 4th International Conference on Knowledge-Based Engineering and Innovation (KBEI), (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
Hardwares: Raspberry PI, Arduino
OS: Windows, Linux

LANGUAGES

- ✓ Farsi (Native)
- ✓ English (Fluent) –IELTS to be taken on 19th December 2020

HONORS & AWARDS

- ✓ Ranked 1st 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