

## Husnu Saner Narman

🏠: <http://hsnarman.oucreate.com>

in: <http://www.linkedin.com/in/hsnunarman>

G: <https://bit.ly/2KQCc1x>

✉ narman@marshall.edu

Office ☎: (304) 696-5829

---

### ACADEMIC EXPERIENCE

**Assistant Professor: Marshall University**  
*Division of Computer Science*

**Aug 2017 - Present**  
*Huntington WV, USA*

**Instructor: Marshall University**  
*Division of Computer Science*

**Jan 2017 - May 2017**  
*Huntington WV, USA*

**Postdoctoral Fellow: Clemson University**  
*Department of Electrical and Computer Engineering*

**May 2016 - Dec 2016**  
*Clemson SC, USA*

**Research Assistant: University of Oklahoma**  
*Telecom and Network Research Lab*

**Jan 2012 - May 2016**  
*Norman OK, USA*

**Teaching Assistant: University of Texas at San Antonio**  
*Department of Computer Science, Network Course*

**Jan 2011 - May 2011**  
*San Antonio TX, USA*

### EDUCATION

**Ph.D. in Computer Science**  
*University of Oklahoma*

**May 2016**  
*Norman OK, USA*

**M.S. in Computer Science**  
*University of Texas at San Antonio*

**May 2011**  
*San Antonio TX, USA*

**B.S. in Mathematics**  
*Abant Izzet Baysal University*

**Aug 2006**  
*Bolu, Turkey*

### RESEARCH INTEREST

#### **Advanced Learning Technologies**

*Investigate usage of high-tech products such as Virtual and Augmented Reality with their effects in learning for K-12 and higher education*

#### **STEM Education**

*Develop applications for K-12 and higher education to overcome difficulties to learn Math and Coding subjects*

#### **Smart Health**

*Develop and investigate IoT products and mobile applications with machine learning algorithms to make the health system more accessible and productive by helping doctors and patients.*

#### **Resource Allocation**

*Determine scheduling models and allocations policies in Cloud and Fog Computing, IoT, and Networks with their applicable cases such as Vehicular Networks, Crowd-sourcing.*

#### **Data Mining**

*Using sentiment analysis tools to understand the user behaviors for various applications like shopping habits, chain effects.*

## AWARD & HONORS

<b>Nomination for Pickens Queen Teaching Award</b> <i>Marshall University</i>	2018 - 2019
<b>Quinlan Endowment for Faculty Travel</b> <i>Marshall University</i>	~\$1,000 2018 - 2019
<b>Study Abroad Fellowship for Higher Education</b> <i>Turkish Ministry of National Education</i>	~\$300,000 2007 - 2016
<b>Outstanding Ph.D. Student in Computer Science</b> <i>University of Oklahoma</i>	2015 - 2016
<b>Robberson Travel Award</b> <i>University of Oklahoma</i>	~\$2,000 2015
<b>Graduation as High Honor Student</b> <i>Abant Izzet Baysal University</i>	2006

## GROUP ATTAINMENTS

### Fellowship & Scholarship

- James Farley (Undergraduate): Marshall University Creative Discovery and Research Award for Fall 2019; *Project: Emotion Classification of Users based on the Comments and Emojis in Social Media*
- Jared Carter (Undergraduate): NASA Undergraduate Research Fellowship 2019 - 2020; *Project: Trade-off Model of Fog-Cloud Computing for Space Network*
- Caleb Kesler (Undergraduate): Marshall University Creative Discovery and Research Award for Summer 2019; *Project: Development of Story-Assisted Platform for Early Childhood for Coding*
- Alymbek Damir Uulu (Undergraduate): Marshall University SURE Summer Research Fellowship 2019; *Project: Profile Analysis on Cryptocurrency Investors and Social Engineering on Their Prices*
- Jared Lee Lewis (Undergraduate): Marshall University Creative Discovery and Research Award for Fall 2018; *Project: Automated IP Reputation Analyzer System with Machine Learning*
- Geanina Tambaliuc (Undergraduate): Marshall University SURE Summer Research Fellowship 2018; *Project: Automated IP Reputation Analyzer System*
- Alex Kacinari, Chris Murphy, Derek M Staley (Undergraduates): Marshall University Research Scholar Award for Spring 2018; *Project: Suturing Technique Simulation*
- Charlie Murphy, Michael B Branard, Steven D. Gunnels (Undergraduates): Marshall University Research Scholar Award for Spring 2018; *Project: Embedded Storybook Game*

### Internship

- Geanina Tambaliuc (Undergraduate): WV Department of Education Internship 2019
- Anh Nguyen (Undergraduate): WV Department of Education Internship 2019
- Jake Gressang (Undergraduate): WV Department of Education Internship 2019
- Kuo Chi Fang (Graduate): WV Department of Education Internship 2018

- Ibrahim Hussein Mwinyi (Graduate): WV Department of Education Internship 2018

### Publications

- Undergraduate Students: Geanina Tambaliuc, Anh Nguyen, Jared Lee Lewis, Alymbek Damir Uulu, Greg Weed.
- Graduate Students: Govind Yatnalkar, Ibrahim Hussein Mwinyi, Kuo Chi Fang.

## STUDENT ADVISING

Table 1: The number of students advised in each semester.

Term	Total	Undergraduate	Graduate
Spring 2017	18	9	9
Fall 2017	35	27	8
Spring 2018	27	26	1
Fall 2018	41	41	0
Spring 2019	39	39	0
Fall 2019	39	39	0

Table 1 shows the number of advised students in each semester. Graduate students have not been advised after Spring 2018 due to policy changes of the Division of Computer Science for advising.

## TAUGHT COURSES AND TEACHING EFFECTIVENESS

Table 2: “Num. of Enrollees” shows the number of registered students, “Num. of Responses” shows the number of students who answered the course evaluation; and scores show the mean score for each course and semester.

Term	Course	Num. of Enrollees	Num. of Responses	Score (4 is the highest)	Semester Score (4 is the highest)
Spring 2017	CS 210: Data Structures and Algorithms	11	9	3.64	3.49
	CS 215: Advanced Data Structures and Algorithms	17	11	3.22	
	CS 410: Database Engineering	23	19	3.28	
	CS 510: Database Systems	29	22	3.75	
	IS 623: Database Management	13	11	3.72	
Fall 2017	CS 210: Data Structures and Algorithms	19	18	3.73	3.72
	CS 651: Cloud Computing	16	15	3.7	
Spring 2018	CS 210: Data Structures and Algorithms	13	11	3.72	3.77
	CS 510: Database Systems	10	8	3.83	
	IS 623: Database Management	27	26	3.77	
Fall 2018	CS 210: Data Structures and Algorithms	16	14	3.79	3.84
	CS 651: Cloud Computing	18	18	3.95	
	CS 360: Automata and Formal Languages	21	16	3.76	
Spring 2019	CS 120: Computer Science II (OOP-Java)	20	15	N/A	N/A
	CS 210: Data Structures and Algorithms	14	12	N/A	
	CS 681: Master Thesis	1	1	N/A	
Fall 2019	CS 120: Computer Science II (OOP-Java)	18	N/A		
	CS 210: Data Structures and Algorithms	21			
	CS 681: Master Thesis	1			

Table 2 shows the taught courses with student evaluation results for each course and semester. Undergraduate courses are from 1xx to 4xx, and graduate courses are from 5xx and above. Mostly, high number of students responded the student evaluation. N/A is used for unknown/unreleased data.

Q1	The instructor followed his/her syllabus.
Q2	The instructor gave clear explanations to clarify concepts.
Q3	The instructor was supportive in academic situations.
Q4	The instructor showed enthusiasm when teaching.
Q5	The instructor informed students of their progress.
Q6	The instructor's use of examples helped to get points across in class.
Q7	The instructor adequately explained the grading scale.
Q8	I believe that I learned in this class.
Q9	The instructor treated me fairly.
Q10	The objectives of the course were well explained.
Q11	The instructor was enthusiastic about the course material.
Q12	The instructor encouraged students to ask questions.
Q13	The instructor provided me with an effective array of challenges.
Q14	The course was well organized.
Q15	The instructor carefully answered questions raised by students.
Q16	This course challenged me intellectually.
Q17	The instructor treated students with respect.
Q18	The instructor presented material in a clear manner.
Q19	I have become more competent in this area because of this course.
Q20	The instructor used class time well.
Q21	The instructor seemed genuinely interested in wanting me to learn.
Q22	I would recommend this instructor to other students.

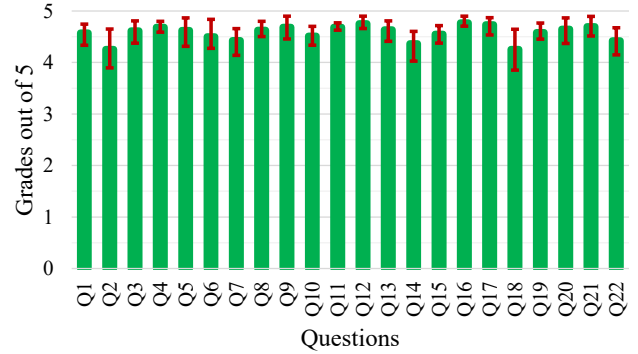


Figure 1: Each question (left table) is asked to 226 undergraduate and graduate students to grade from 1 to 5 in course evaluations last five semesters. The figure bars show the average grades with minimum and maximum values for each question (5 is the highest).

**SERVICES**

**Marshall University**

- Elected College Representative on the Athletic Committee
- Computer Science (CS) Student Leadership Program Coordinator
- CS Outreach Committee Chair
- CS Undergraduate Research Program Committee
- CS Undergraduate Course Development Committee
- Catalog Editing and Correction for BS and MS Programs in CS
- CS Freshman Orientation
- CS Online Course Development
- CS Conference Organization Committee
- Organization of Computer Science Adventure Zone Summer Camp
- CS Faculty Candidate Interviewing Committee
- CS Project Room Management

**Huntington WV, USA**

- 2019 - Present
- 2019 - Present
- 2018 - Present
- 2018 - Present
- 2018 - Present
- 2018 - Present
- 2018 - Present
- 2018 - Present
- 2018 - Present
- 2017 - Present
- 2017 - Present
- 2017 - 2018

**PROFESSIONAL ACTIVITIES**

**Editorial Board**

*Editorial Board: Elsevier Journal of Network and Computer Applications*

**2018 - Present**

**Faculty Mentor Internship Program**

*WV Department of Education*

**2018 - Present**  
*Huntington WV, USA*

**Summer Camp on Robotics and Cybersecurity for K-12**

*Marshall University*

**2017 - Present**  
*Huntington WV, USA*

**Internship and Project Program**

*WV Office of Technology*

**2018**  
*Huntington WV, USA*

**Publicity Co-Chair**

2017 International Conference on Networking, Architecture, and Storage

2017 International Conference on Computer Communications and Networks

**Technical Program Committee**

IEEE Global Communications Conf.  
IEEE Int. Conf. on Communications  
Springer Ubiquitous Networking Conf.  
IEEE Wireless Communications and Networking Conf.  
IEEE Int. Conf. on Communications, Network, and Satellite  
IEEE 5G World Forum (WF-5G)  
IEEE Int. Conf. on Internet of Things and Intelligence System  
Elsevier Int. Conf. on Ambient Systems, Networks and Technologies  
IEEE Int. Conf. on Fog and Edge Computing  
IEEE Symp. on Signal Processing and Information Technology  
IEEE Int. Conf. on Signals and Systems  
IEEE/ACM Int. Symp. in Cluster, Cloud, and Grid Computing  
IEEE Middle East & North Africa Communications Conf.  
IEEE Int. Conf. on Wireless Networks and Mobile Communications  
IEEE TENCON

**Journal Reviewer**

IEEE Journal on Selected Areas in Communications  
IEEE Transactions on Mobile Computing  
IEEE Transactions on Parallel and Distributed Systems  
IEEE Transactions on Vehicular Technology  
IEEE Transactions on Industrial Electronics  
IEEE Transaction on Intelligent Transportation Systems  
ACM Transactions on Cyber-Physical Systems  
Elsevier Journal of Network and Computer Applications  
Elsevier Future Generation Computer System  
MDPI Sensors  
Wiley Software: Practice and Experience

**Membership**

Professional Member of IEEE Communication Society  
Student Member of IEEE Communication Society

2014 - 2016

## TECHNICAL SKILLS

**Programming Language:** Java, Python, Matlab

**Database:** MongoDB, MySQL, PostgreSQL

**Cloud Services :** Google Cloud, Amazon Web Services, Azure

**Editors:** Eclipse, IntelliJ, Visual Studio Code, Notepad++

**Familiar:** Selenium, JUnit, Maven, GitHub, Unity, Php, Javascript, HTML, CSS, C, Android Studio

## OTHER RELATIVE EXPERIENCE

**Webpage Developer: Independent**

*Self*

**Jan 2011 - Jan 2016**

*Norman OK, USA*

**Intern: Institutional Shareholder Services**

*Software Testing Team*

**May 2015 - Aug 2015**

*Norman OK, USA*

**Teacher: Firat Education Center**

*Geometry*

**Sep 2006 - Mar 2007**

*Corum, Turkey*

## CERTIFICATION

**Responsible Conduct of Research**

*Collaborative Institutional Training Initiative Program*

**2018 - 2020**

*Huntington WV, USA*

**Behavioral & Social Science Research**

*Collaborative Institutional Training Initiative Program*

**2018 - 2020**

*Huntington WV, USA*

**Independent Improving Your Online Course (IYOC)**

*Quality Matters*

**2017**

*Huntington WV, USA*

**Java SE 7**

*Robert Half Technology*

**2016**

*Clemson SC, USA*

## VOLUNTEER ACTIVITIES

**VEX IQ Robot Tournament for Middle and Elementary Schools**

*Marshall University*

**2019 - Present**

*Huntington WV, USA*

**Faculty adviser for Geeks and Gadgets Club**

*Marshall University*

**2018 - Present**

*Huntington WV, USA*

**Volunteer**

*Boys and Girls Club*

**2014 - Present**

*Norman OK, USA*

**Volunteer**

*Habitat for Humanity*

**2007 - Present**

*San Antonio TX, USA*

**Vice-President of Turkish Student Association**

*University of Oklahoma*

**2013 - 2016**

*Norman OK, USA*

**Secretary of CS Graduate Student Club**

*University of Oklahoma*

**2014 - 2016**

*Norman OK, USA*

**President of Interfaith Dialogue Student Club**

**2012 - 2015**

University of Oklahoma

Norman OK, USA

**President of Turkish Student Association**

**2009 - 2011**

University of Texas at San Antonio

San Antonio TX, USA

**Vice-President of Interfaith Dialogue Student Club**

**2009 - 2011**

University of Texas at San Antonio

San Antonio TX, USA

## OTHER SERVICES AND ACTIVITIES

• Green and White Days: CS Activity Organization (5 times) • Helping CS Alumni Gathering (1 time) • Summer Camp Organizations (3 times) • Department of Education Visits (12 times) • ABET Preparation • Website Preparation for Outreach Activities • Office of Technology Visits (3 times) • High School Presentations (4 times) • Engineering Day (1 time) • K-12 Coding Workshops (11 times) • St Joseph VEX IQ Preparation (28 weeks) • Apple K-12 Workshop (2 times) • VEX IQ Robotic Competition (1 time) • IEEE Student Branch Chapter Registration • Goodwill Partnership Meetings (1 time) • Mountwest Community & Technical College Partnership Meetings (2 times) • North Caroline State University Visit for Research Partnership

## PUBLICATIONS

### Books

- [1] Husnu Saner Narman and Mohammed Atiquzzaman. *Carrier Assignment and Packet Scheduling in LTE-A and Wi-Fi*. Dissertation as a Book. LAP LAMBERT Academic Publishing, p. 160. ISBN: 9783659891977. URL: <https://www.amazon.com/Carrier-Assignment-Packet-Scheduling-Wi-Fi/dp/3659891975>.

### Journals

- [9] Abishi Chowdhury, Shital A. Raut, and Husnu S. Narman. "DA-DRLS: Drift adaptive deep reinforcement learning based scheduling for IoT resource management". In: *Journal of Network and Computer Applications* 138 (May 2019), pp. 51–65.
- [8] Ankur Sarker, Haiying Shen, M. Rahman, M. Chowdhury, K. Dey, F. Li, Y. Wang, and Husnu S. Narman. "A Review of Sensing and Communication, Human Factors, and Controller Aspects for Information-Aware Connected and Automated Vehicles". In: *IEEE Transactions on Intelligent Transportation Systems* (March 2019).
- [7] Kuo-Chi Fang, Husnu S Narman, Ibrahim Hussein Mwinyi, and Wook-Sung Yoo. "PPHA-Popularity Prediction Based High Data Availability for Multimedia Data Center". In: *International Journal of Interdisciplinary Telecommunications and Networking* 11.1 (January 2019), pp. 17–29.
- [6] Jinwei Liu, Haiying Shen, Husnu S. Narman, Z. Lin, and Z. Li. "Popularity-aware Multi-failure Resilient and Cost-effective Replication for High Data Durability in Cloud Storage". In: *IEEE Transactions on Parallel and Distributed Systems* (October 2018).
- [5] Jinwei Liu, Haiying Shen, Husnu S. Narman, Wingyan Chung, and Zongfang Lin. "A Survey of Mobile Crowdsensing Techniques: A Critical Component for The Internet of Things". In: *ACM Transactions on Cyber-Physical Systems* 2.3 (June 2018).

- [4] Jinwei Liu, Haiying Shen, L. Yu, H. S. Narman, J. Zhai, J. O. Hallstrom, and Y. He. “Characterizing Data Deliverability of Greedy Routing in Wireless Sensor Networks”. In: *IEEE Transactions on Mobile Computing* 17.3 (March 2018), pp. 543–559.
- [3] Husnu S. Narman, Md.Shohrab Hossain, Mohammed Atiquzzaman, and Haiying Shen. “Scheduling Internet of Things Applications in Cloud Computing”. In: *Annals of Telecommunications* (February 2017).
- [2] Husnu S. Narman, Mohammed Atiquzzaman, Mehdi Rahmani-andebili, and Haiying Shen. “Joint and Selective Component Carrier Assignment in LTE-A”. In: *Computer Networks* (September 2016).
- [1] Husnu S. Narman, Md.Shohrab Hossain, and Mohammed Atiquzzaman. “Management and Analysis of Multi Class Traffic in Single and Multi-band Systems”. In: *Wireless Personal Communications* 83 (July 2015).

## Conferences

- [19] Anh Nguyen, Greg Weed, and Husnu S. Narman. “Oral Therapeutic Tool for Speech and Feeding Therapies”. In: *IEEE Global Communications Conference (GLOBECOM)*. Waikoloa, HI, December 2019.
- [18] Md. Ishtiaq Ashiq, Protick Bhowmick, Md. Shohrab Hossain, and Husnu S. Narman. “Domain Flux-based DGA Botnet Detection Using Feedforward Neural Network”. In: *IEEE Military Communication Conference (MILCOM)*. Norfolk, VA, November 2019.
- [17] Mainuddin Ahmad Jonas, Risul Islam, Md. Shohrab Hossain, Husnu S. Narman, and Mohammed Atiquzzaman. “An Intelligent System for Preventing SSL Stripping-based Session Hijacking Attacks”. In: *IEEE Military Communication Conference (MILCOM)*. Norfolk, VA, November 2019.
- [16] Govind Yatnalkar and Husnu S. Narman. “A Matching Model for Vehicle Sharing Based on User Characteristics and Tolerated-Time”. In: *IEEE International Conference on Smart Cities: Improving Quality of Life Using ICT, IoT, AI (HONET-ICT)*. Charlotte, NC, October 2019.
- [15] Husnu S. Narman, Alymbek D. Uulu, and Jinwei Liu. “Profile Analysis for Cryptocurrency in Social Media”. In: *IEEE International Symposium on Signal Processing and Information Technology (ISSPIT)*. Louisville, KY, December 2018, pp. 229–234.
- [14] Govind Yatnalkar and Husnu S. Narman. “Survey on Wireless Charging and Placement of Stations for Electric Vehicles”. In: *IEEE International Symposium on Signal Processing and Information Technology (ISSPIT)*. Louisville, KY, December 2018, pp. 526–531.
- [13] I. H. Mwinyi, Husnu S. Narman, K. Fang, and Wook-Sung Yoo. “Predictive self-learning content recommendation system for multimedia contents”. In: *Wireless Telecommunications Symposium (WTS)*. Phoenix, AZ, April 2018.
- [12] Jinwei Liu, Haiying Shen, and Husnu S. Narman. “CCRP: Customized Cooperative Resource Provisioning for High Resource Utilization in Clouds”. In: *IEEE International Conference on Big Data*. Washington, DC, August 2016.
- [11] Husnu S. Narman and Mohammed Atiquzzaman. “Primary Component Carrier Assignment in LTE-A”. In: *EAI QSHINE*. Seoul, South Korea, July 2016.
- [10] Husnu S. Narman and Mohammed Atiquzzaman. “Analysis of Joint and Partial Component Carrier Assignment Techniques in LTE and LTE-A”. In: *IEEE Global Communications Conference (GLOBECOM)*. San Diego, CA, December 2015.



- [9] Husnu S. Narman and Mohammed Atiquzzaman. “Selective Periodic Component Carrier Assignment Technique in LTE and LTE-A Systems”. In: *IEEE Global Communications Conference (GLOBECOM)*. San Diego, CA, December 2015.
- [8] Husnu S. Narman and Mohammed Atiquzzaman. “Energy aware scheduling and queue management for next generation Wi-Fi routers”. In: *IEEE Wireless Communications and Networking Conference Workshops (WCNCW)*. New Orleans, LA, March 2015.
- [7] Husnu S. Narman and Mohammed Atiquzzaman. “Joint and partial carrier components assignment techniques based on user profile in LTE systems”. In: *IEEE Wireless Communications and Networking Conference (WCNC)*. New Orleans, LA, March 2015, pp. 983–988.
- [6] Husnu S. Narman and Mohammed Atiquzzaman. “Carrier Components Assignment Method for LTE and LTE-A Systems Based on User Profile and Application”. In: *IEEE GLOBECOM Workshop on Broadband Wireless Access*. Austin, TX, December 2014.
- [5] Husnu S. Narman, Md. Shohrab Hossain, and Mohammed Atiquzzaman. “DDSS: Dynamic Dedicated Servers Scheduling for multi priority level classes in cloud servers”. In: *IEEE International Conference on Communications (ICC)*. Sydney, Australia, June 2014, pp. 3082–3087.
- [4] Husnu S. Narman, Md. Shohrab Hossain, and Mohammed Atiquzzaman. “h-DDSS: Heterogeneous Dynamic Dedicated Servers Scheduling in cloud computing”. In: *IEEE International Conference on Communications (ICC)*. Sydney, Australia, June 2014, pp. 3475–3480.
- [3] Husnu S. Narman, Md. Shohrab Hossain, and Mohammed Atiquzzaman. “Multi Class Traffic Analysis of Single and multi-band Queuing System”. In: *IEEE Global Communications Conference (GLOBECOM)*. Atlanta, GA, December 2013, pp. 1422–1427.
- [2] Md. Shohrab Hossain, Husnu S. Narman, and Mohammed Atiquzzaman. “A Novel Scheduling and Queue Management Scheme for multi-band Mobile Routers”. In: *IEEE International Conference on Communications (ICC)*. Budapest, Hungary, June 2013, pp. 3787–3791.
- [1] Husnu S. Narman, Turgay Korkmaz, and Suleyman Tek. “Utilizing distance distribution in determining topological characteristics of multi-hop wireless networks”. In: *IEEE International Conference on Computing, Networking and Communications (ICNC)*. San Diego, CA, January 2013, pp. 149–154.

## Posters

- [2] Geanina Tambaliu, Jared Lee Lewis, Husnu Saner Narman, and Wook-Sung Yoo. “Automated IP Reputation Analyzer,” in: *Undergraduate Research Day at the Capitol (URDC) and Cybersecurity and Privacy Day (Sponsored by WV Office of Technology)*. Charleston, WV, February 2019. URL: <http://hsnarman.oucreate.com/POSTER/IPReputation.jpg>.
- [1] Alymbek Damir Uulu and Husnu Saner Narman. “Education Analysis of Cryptocurrency for Protection from Social Engineering”. In: *Cybersecurity and Privacy Day (Sponsored by WV Office of Technology)*. Charleston, WV, February 2019. URL: <http://hsnarman.oucreate.com/POSTER/SocialEngineering.jpg>.

## Technical Reports

- [6] Ibrahim Hussein Mwinyi, Husnu Saner Narman, Kuo-Chi Fang, and Wook-Sung Yoo. *Recommendation System based on Predictive Approach*. Marshall University, October 2017. URL: <http://users.marshall.edu/~narman/TR/17-Predictive-TR-MU-CITE-17-100.pdf>.
- [5] Husnu S. Narman and Mohammed Atiquzzaman. *User Profile Carrier Components Assignment Method in LTE Systems*. University of Oklahoma, October 2014. URL: <http://www.cs.ou.edu/~netlab/TR/User-Profile-TR-OU-TNRL-14-102.pdf>.
- [4] Husnu S. Narman and Mohammed Atiquzzaman. *Analysis of Static Partial Carrier Components Assignment in LTE Systems*. University of Oklahoma, September 2014. URL: <http://www.cs.ou.edu/~netlab/TR/Lte-Cc-Static-TR-OU-TNRL-14-101.pdf>.
- [3] Husnu S. Narman, Md Shohrab Hossain, and Mohammed Atiquzzaman. *DDSS:Dynamic Dedicated Servers Scheduling for multi priority level classes in cloud servers*. University of Oklahoma, September 2013. URL: <http://www.cs.ou.edu/~netlab/TR/cloud-priority-TR-OU-TNRL-13-102.pdf>.
- [2] Md Shohrab Hossain, Husnu S. Narman, and Mohammed Atiquzzaman. *Scheduling and Queue Management of Multi-band Mobile Routers*. University of Oklahoma, February 2013. URL: [http://www.cs.ou.edu/~netlab/TR/Multi\\_band\\_multi\\_TR-OU-TNRL-13-101.pdf](http://www.cs.ou.edu/~netlab/TR/Multi_band_multi_TR-OU-TNRL-13-101.pdf).
- [1] Husnu S. Narman, Md Shohrab Hossain, and Mohammed Atiquzzaman. *Multi-Class Traffic Analysis of Single and Multi-band Queuing System*. University of Oklahoma, October 2012. URL: [http://www.cs.ou.edu/~netlab/TR/Multi\\_Band\\_Single\\_TR-OU-TNRL-12-101.pdf](http://www.cs.ou.edu/~netlab/TR/Multi_Band_Single_TR-OU-TNRL-12-101.pdf).

## Talks

- [4] Husnu S. Narman. “Data Centers and Popularity based Allocation”. In: *Marshall University: CSSET*. Invited Speaker. Huntington, WV, April 2018.
- [3] Husnu S. Narman. “Multi-band Communication”. In: *University of Oklahoma*. Norman, OK, February 2015.
- [2] Husnu S. Narman. “Multi Heterogeneous Queueing Server System”. In: *University of Oklahoma*. Norman, OK, December 2012.
- [1] Husnu S. Narman. “Topological Characteristic of Wireless Network”. In: *University of Texas at San Antonio*. San Antonio, TX, May 2011.

## Press and News

- [2] “Summer Camp on Robotics and Cybersecurity”. In: *WCHS TV*. Huntington, WV, June 2019. URL: <http://hsnarman.oucreate.com/media/news/wsaz/camp2019.mp4>.
- [1] “Summer Camp on Robotics”. In: *WCHS TV*. Huntington, WV, June 2018. URL: <http://hsnarman.oucreate.com/media/news/wsaz/camp2018.mp4>.