



EAST TEXAS
A&M
Curriculum Vita
Spring 2026

Instructor: Dr. Yuehua Wang

Academic Department: Computer Science & Information Systems

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Research Interest

Autonomous Driving, Internet of Things, Artificial Intelligence, Cybersecurity, Mobile Communication and Computing, and Cyber-Physical Systems

Education

Ph.D. in Computer Science, Beihang University, China	2006–2013
M.S. in Signal and Information Processing, North University of China, China	2003–2006
B.S. in Electron Information Engineering, North University of China, China	1999–2003

Professional Experience

Associate Professor, Dept. of Computer Science & Info Systems, ETAMU, TX	2022–present
Assistant Professor, Dept. of Computer Science & Info Systems, ETAMU, TX	2016–2022

Teaching

CSCI 559 Software development for Mobile Devices, ETAMU	F19/S18–S17
CSCI 538 Artificial Intelligence, ETAMU	S22–F25
CSCI 531 Advanced Programming with Java, ETAMU	F16–S20
CSCI 524 Analysis & Design of Software Systems, ETAMU	S21–S25
CSCI 525 Computer Networks, ETAMU	F22, F23, F25
CSCI 520 Data Structures, ETAMU	F17, F24
CSCI 518 Thesis, ETAMU	S21–F25
CSCI 515 Fund Of Programming C/C++ , ETAMU	S20–F23
CSCI 497 Block Chain and Concurrency Technology, ETAMU	Sum22
CSCI 497 Machine Learning, ETAMU	F24–F25
CSCI 491 H Independent Honors Rdgs, ETAMU	F23
CSCI 428 Object Oriented Design, ETAMU	S21–F25
CSCI 351 Foundations of Info Security, ETAMU	S22–S25

CSCI 333 Applied Data Analysis with Python, ETAMU	F19–F25
CSCI 431/333 Java Programming Language, ETAMU	S18–S19
COSC 1436 Introduction to Computer Science & Programming, ETAMU	S19–S20

Publications

Book Chapter

Urcun John Tanik, Yuehua Wang , Serkan Güldal , “Swarm Intelligence Applied to Big Data Analytics for Rescue Operations with RASEN Sensor Networks ”, Big Data and Visual Analytics, Springer.	2017
Hongwei Zhang, Le Yi Wang, George Yin, Shengbo Eben Li, Keqiang Li, Jing Hua, Yuehua Wang , Chuan Li, Hai Jin, “Trustworthy Foundation for CAVs in an Uncertain World: From Wireless Networking, Sensing, and Control to Software-Defined Infrastructure”, Road Vehicle Automation, Springer.	2016

Research Articles

Abhimanyu Gosain, Mark Berman, Marshall Brinn, Thomas Mitchell, Chuan Li, Yuehua Wang , Hai Jin, Jing Hua, Hongwei Zhang, Enabling Campus Edge Computing using GENI Racks and Mobile Resources. <i>IEEE/ACM Symposium on Edge Computing (SEC)</i> .	2016
Yuehua Wang , Yu Chen, Hongwei Zhang, Jayanthi Rao, TJ Giuli, Patrick Gossman, Xiangying Yang, Jing Zhu. VInsight: Enabling Open Innovations in Networked Vehicle Sensing and Control. <i>IEEE Network</i> .	2016
Yuehua Wang , Zhong Zhou, Ling Liu, Wei Wu. Replica-aided Load Balancing in Overlay Networks with Pervasive Applications. <i>Journal of Network and Computer Applications (JNCA)</i> , 36(1): 388-401,2013 (SCIE,DOI:10.1016/j. jnca .2012.05.001)(SCI).	2013
Yuehua Wang , Zhong Zhou, Ling Liu, Wei Wu. Fault Tolerance and Recovery for Group Communication Services in Distributed Networks. <i>Journal of Computer Science and Technology (JCST)</i> , 2012, 2: 298-312.	2012
Yuehua Wang , Zhong Zhou, Ling Liu, Liang Cheng, Wei Wu. Topological Similarity-based Scheme for Large-scale Group Communication Services. In <i>Proceedings of 21st International Conference on Computer Communications and Networks (ICCCN12)</i> , July 30- August 2, 2012, Munich, Germany.	2012

Honors & Awards

Best Demo Award, 23rd National Science Foundation (NSF) GENI Engineering Conference, USA	2015
Best Demo Award, 21st NSF GENI Engineering Conference, USA	2014
First Runner-up Demo Award, 20th NSF GENI Engineering Conference, USA	2014

Professional Activities

TPC/PC Member of

ICWS18, ICNC17, GC-WOC16, ICCCN15, IMTIC 15/13, and WSN4DC13	2013-Present
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Journal and Conference reviewer for

IEEE Transactions on Computers, ACM Transactions on Internet Technology, IEEE Transactions on Parallel and Distributed Systems, Journal of Supercomputing, Journal of Parallel and Distributed Computing, IETE Journal of Research’17, IEEE ICC’18 SAC-3 CCN, DSD’17, MobiSPC’17, IEEE ICC’16, IEEE DSD’16, IMTIC’15, IEEE ICCCN’15, IEEE/ACM IWQoS’14, IEEE ICCCN’14, DSD’14, IEEE ICPP’14, IEEE EUC’13, IEEE ICC’13, IEEE ICCCN’13, ACM MSWiM’13, IEEE MASS’12, and IEEE GLOBECOM’12.	2012-Present
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