ALICIA ESQUIVEL-MOREL

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704 S - College Avenue, Columbia-MO



EDUCATION -

University of Missouri Columbia - Missouri, USA

University of Missouri Columbia - Missouri, USA

Universidad Tecnológica Intercontinental Caacupé, Paraguay

Doctorate in Computer Science (PhD CS)

Expected graduation date: Fall 2025 - GPA: 3.7

Master of Science in Computer Science (MS CS)

2018-2020 - GPA: 3.7/4.0

Licentiate in Computer Systems Analysis 2008-2013 - GPA: 4.81/5.0



(首) RESEARCH INTERESTS-

Management and security of distributed/cloud computing applications | Internet of Things (IoT)-based Visual Cloud Computing | Network performance measurement and monitoring | Cyber Security for Critical Application Infrastructures.



TECHNICAL SKILLS AND EXPERIENCE -

Matlab · C · Python · Networking · DevOps · Cloud Computing · Amazon Web Services Design of Experiments (DOE) · Technical Writing · Presentation Skills · Applied Research · Data Analysis Testing · Cross-functional Team Leadership · Linux (Ubuntu), Mac OS, Windows OS



EMPLOYMENT HISTORY —

University of Missouri - Columbia

Graduate Research Assistant - VIMAN Lab

January 2020 - Present

Research involving drone video analytics applications, security in the communication, network-edge and computation in drones. Simulation frameworks, testbeds and hybrid deployments.

University of Missouri - Columbia

Graduate Teaching Assistant

Cs4530 / 7530 - Cloud Computing [Undergraduate and Graduate class ~70 students] January 2023 - Present CS2830 - Web Development I [Undergraduate class ~300 students] August – December 2019 CS1050 - Algorithm Design and Programming I [Undergraduate class ~300 students] August 2021 – May 2022

Assisting with teaching, grading and administering exams, working with students, and other duties as assigned, including assistance on other projects for the class.

University of Missouri - Columbia

REU - Research Experience for Undergrads May 2020 - August 2020 Consumer Networking Technologies May 2021 - August 2021 Software-defined networking/virtualization, visual computing at the May 2022 – August 2022 network edge, social virtual reality, mobile sensing & environment recognition.

Work as a mentor for undergraduate students, engaging in summer research involving a variety of problems involving consumer networking technologies.



Chengyi Qu, Alicia Esquivel Morel, Drew Dahlquist, Prasad Calyam Geospatial Informatics X - International Society for Optics and Photonics

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PROFESSIONAL SERVICE —

Serve as peer-reviewer of several international IEEE/ACM conferences and journals

Globecom · TNSM · Wi-DrolT · IEEE ETT· IEEE TDSC · FGCS · COMNET · IJNM · JPDC IEEE SECON · CNSM · IPCCC - IEEE · IEEE ICC - NGNI Symposium

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SCHOLARSHIPS AND AWARDS

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	National Science Foundation (NSF)-sponsored grant POWDER-RENEW Mobile and Wireless Week	2023
	National Science Foundation (NSF)-sponsored grant FABRIC KNIT5 (Keeping Networks Innovative Together) community workshop	2022
	National Science Foundation (NSF)-sponsored grant IEEE ICC 2022 [IEEE International Conference on Communications] conference	2022
	Department of Defense University Consortium for Cybersecurity (DoD-UC2) Top three white paper request winner for information (RFI) to the academic community on new cyber technologies pertaining to the topic of implementing zero trust at the tactical warfighting edge	2022
	Electrical Engineering and Computer fellowship award, University of Missouri Student travel EECS fellowship award	2022
	Upsilon Pi Epsilon (UPE) The International Honor Society for the Computing and Information Disciplines.	2021
	Fulbright-CAL Scholarship, LASPAU - Administered	2018-2020
	Fulbright Intensive English Program, IIE - Administered	2018
	United States Embassy in Paraguay	2012-2014

✓ PROFESSIONAL AFFILIATIONS AND VOLUNTEER WORK ———		
IEEE Communications Society (ComSoc), Young Professionals, Communications Society, Women in Engineering	2020-Present	
Epsilon Pi Epsilon Honor Society for the Computing and Information Disciplines	2021-Present	
Volunteer in social and educational projects Fulbright Association in Paraguay	2014-Present	
Founder and member of the State Alumni Paraguay SAP	2015-2019	

Hayes Scholarship - English Micro scholarship Program for Advanced level courses

Alumni Association from the Government of the United States in Paraguay