MARINA VICENS MIQUEL

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EDUCATION

Ph.D. Texas A&M University–Corpus Christi, expected 2025
Geospatial Computer Science Ph.D. Program

B.S. Texas A&M University–Corpus Christi, May 2020
Double Major: Computer Science, Mathematics
Magna Cum Laude

RESEARCH EXPERIENCE

2020 – Current Student Member of AI Institute: Artificial Intelligence for Environmental Sciences (AI2ES)
Research in Wet/Dry Shoreline GeoDetection using Deep Learning

2020 – Current Graduate Research Assistantship at Conrad Blucher Institute at Texas A&M University – Corpus Christi
Research in Geospatial Computer Science

2020 Research Intern at Lone Star UAS Center (LSUASC)
Research in UAV Damage Assessment using Deep Learning

2019 COSC Capstone Research Project
Constructed a Deep Learning Neural Network for Detecting Logo Images with Over 99% Accuracy

PUBLICATIONS

2018 Rahnemoonfar, M., R. Murphy, M. Vicens Miquel, D. Dobbs, A. Adams. "Flooded Area Detection from UAV Images Based on Densely Connected Recurrent Neural Networks." International Geoscience and Remote Sensing Symposium (IGARSS), Valencia, Spain. July 2018.

CONFERENCE PRESENTATIONS AND INVITED TALKS

2018 Rahnemoonfar, M., R. Murphy, M. Vicens Miquel, D. Dobbs, A. Adams. "Flooded Area Detection from UAV Images Based on Densely Connected Recurrent Neural Networks." International Geoscience and Remote Sensing Symposium (IGARSS), Valencia, Spain. July 2018.

HONORS AND AWARDS

2020 – 2021	TAMUCC College of S&E Graduate Research Scholarship ($1,000)
2020 – 2021	International Presidential Graduate Research Scholarship ($3,141)
2020 – 2021	TAMUCC Division of Research and Innovation Student Research Competition Award ($800)
2019 – 2020	Ruth A. Campbell School Endowed Scholarship ($500)
2019 – 2020	Evening Post Pub Co.–KRIS TV Scholarship ($500)
2019 – 2020	Exxon USA Found Scholarship ($500)
2018 – 2019	M Collins UG Scholarship ($8,400)
2015 – 2020	6-time Dean's List Recipient
2015 – 2020	8-time Athletic Department Academic Roll Recognition
2015 – 2018	3-time Scholar Student-Athlete