

# MARINA VICENS MIQUEL

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Department of Computing Sciences  
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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 AI Institute: Artificial Intelligence for Environmental Sciences (AI2ES), NSF  
Graduate Research Assistant  
*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

- 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 International Presidential Graduate Research Scholarship (\$3,141)
- 2020 – 2021 TAMUCC College of S&E Graduate Research Scholarship (\$1,000)
- 2020 – 2021 TAMUCC Division of Research and Innovation Student Research  
Competition Award (\$800)

2020 – 2021	TAMUCC Geo-Spatial Engineering Graduate Research Scholarship (\$800)
2020 – 2021	TAMUCC Spring 2021 Credit (DT) (\$200)
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