

Wind Engineering Ph.D. student position opportunity

Prof. Miguel Cid Montoya is recruiting a Ph.D. student to join his group at Texas A&M University-Corpus Christi, USA.

The student will work on a project funded by the NSF on the aero-structural optimization of cable-stayed bridges. More information about the project, related research topics, and research group can be found at: <https://mcidmontoya.com>

Requirements:

- GRE scores (reportable for 5 years following your test date)
- English Language Proficiency test within the last 2 years for international applicants: TOEFL (minimum 550 paper-based, 79-80 internet-based) or IELTS (minimum 6.5).

Preferred Qualifications:

- Experience in developing and parametrizing FEM of civil eng. structures (Abaqus).
- Experience in applying ML techniques.
- Experience in applying optimization algorithms.
- Experience in CFD simulations (OpenFoam and Salome).
- Experience in working with multiple computer languages (Python, Matlab, bash, ...)
- Background in civil and/or computer science (Geographic information systems).

Please email your CV, official transcripts, GRE scores, and TOEFL/IELTS scores to me at miguel.cidmontoya@tamucc.edu. Interviews will be carried out in May-June 2023. Ideally, the student will start in the summer or fall of 2023.

