

## **Funded PhD Position Available**

**PhD Position:** We are looking for **STRONGLY motivated, creative, and hard-working** machine learning PhD students to work on a very exciting project involving areas such as **computer vision, machine learning, data mining, GIS and big data**, @Computer Science, University of New Orleans (UNO), LA, USA.

**Selection Criteria:** Better analytic ability and programming skill will be needed. Student with publication(s), especially in the machine learning/data-mining and image processing/computer vision area will be given higher preferences. Students having MS degree will be given preference over student having only BS degree. Student who have completed machine learning and/or, image processing course(s) will be given higher preference.

**Project Description:** We will fly drone (eBee +) with various sensors and camera (such as: senseFly S.O.D.A. RGB sensor, Sequoia with EB integration kit, etc.) to collect image and sensor data related to coastal area restorations, monitoring and will perform relevant research with specially focus in developing advanced algorithms. We will also use state-of-the-art software such as eMotion 3 to design and control drone-flight and data management. We will use Pix4Dmapper Pro to build georeferenced 2D maps and 3D models of the survey area for the study.



**Stipend:** the stipend will be ~~\$15,000/year~~ \$21,700/year, and will be funded by the department of computer science, UNO. Tuition fee will also be provided.

**Other Duty:** The student will be hired as a Graduate Professional Assistant (GPA) to assist our IT department. However, in near future, alternatively the student may need to teach CSCI 1000 course.

**How to Apply:** Interested student, please email Dr Hoque [[thoque@uno.edu](mailto:thoque@uno.edu)] your CV showing relevant credentials (publications, degree(s), GPA, programming experiences, analytic abilities, etc.) and mention your interest in the project “Drone, computer vision and machine learning” in the subject line of your email.