



Spring 2020 Deep Learning Workshop Electrical and Computer Engineering Department, University of Miami

The Department of Electrical and Computer Engineering (ECE) at the University of Miami (UM) is hosting the Deep Learning workshop for spring 2020, from Jan. 28, 2020 to Feb. 14, 2020, designed especially for international students. University of Miami is a private research university in Miami, Florida, which is ranked #57 among national universities by US News and World report.

Deep Learning is currently the most popular and most powerful machine learning technique. The workshop will include Python-based programming assignments and a final project.

ECE Chair Dr. Mohamed Abdel-Mottaleb (<https://www.umcoe.miami.edu/faculty-directory/name/mohamed-abdel-mottaleb/>) will be one of the main faculty of the workshop, and he will meet with all the students and discuss future MS and Ph.D. opportunities with the department and the university. The workshop's schedule is attached. The workshop is perfect for students interested in the U.S. educational environment, aiming to help students to gain theoretical knowledge and develop their practical skills.

All students who satisfactorily complete the program will receive a certificate. Most importantly, all students will have high chance to be admitted to the Master degree in ECE at the University of Miami if they meet the basic standard requirements (GPA>2.9, TOEFL >80, GRE >300, with a bachelor in related areas).

The workshops consist of three weeks of faculty lectures (8 hours per week), hands-on practical sessions, faculty-student interaction, and feedback sessions for a total of 8 hours per week. Students will also have the chance to visit nearby attractions and cities.

Housing

During the program, students will be housed in the 3-star hotel close to the University of Miami. High-speed Internet access is available in each room.

Transportation

Students should arrive at Miami International Airport on Jan. 27, 2020. Teaching Assistants will help with the transportation from the airport to hotel.

Outside Activities

Students are encouraged to explore Miami and the nearby cities. The following activities will be organized, and students can come based on their own willingness.

- Miami: visits to South Beach, Vizcaya Museum & Gardens, Everglades National Park
- Orlando: visits to Universal Studio, Disney World, Kennedy Space Center

Admission Requirements

Students must meet the following requirements:

- Minimum GPA of 2.7
- Basic skills in English
- Major in Engineering, Automation, Controls, Computer Science or related field

Application Deadline

November 10, 2019.

Program Fees

\$4200, including workshop program fees and hotel fees. Not including visa application fees, transportation fees, insurance fees and personal cost.

Contact

Students can add QQ account 2795767929, which is managed by TAs at UM. If necessary, students may contact Dr. Mohamed Abdel-Mottaleb directly at mottaleb@miami.edu.