

NSF Research Experiences for Undergraduates (REU) program for summer 2017

=== THE 2017 AMALTHEA REU PROGRAM === Apply by April 5

AN OPPORTUNITY FOR A 10-WEEK RESEARCH EXPERIENCE FOR UNDERGRADUATE STUDENTS is available in the area of Machine Learning. The program is sponsored by the National Science Foundation and is offered by the Information Characterization & Exploitation (ICE) Laboratory at Florida Institute of Technology (FIT) in Melbourne, Florida.

Machine Learning (ML) gradually evolved as a branch of Artificial Intelligence with its theory and applications positioned at the juncture of Computer Science, Engineering, Mathematics, Statistics and, even, Physics. Nowadays, ML's role in successfully addressing hard, real-world technological challenges has become ever more current and central. Moreover, its presence and importance now permeates several aspects not only of cutting-edge technology such as computer vision, stock market prediction and big data analytics, but also our daily life through voice-driven searches on our smart phones or movie recommendations on video streaming services to name only a few.

The program currently accepts applications in order to form a very diverse, multi-disciplinary cohort of nascent researchers for this summer. Minorities, women and people with disabilities are especially encouraged to apply.

ELIGIBILITY

Without exceptions, applicants must be:

- Majoring in an Engineering or Science discipline
- US citizens or permanent residents
- Undergraduates in good academic standing

BENEFITS

- Exposure to the exciting world of Machine Learning and its applications
- Participate in a one-week crash course to familiarize yourself with Machine Learning
- Work with experienced student mentors and experts in the field
- Participate and contribute to cutting-edge Machine Learning research
- Take part in visits to our local industry
- Paid travel and accommodation expenses
- Receive a competitive stipend for per diem expenses
- Visit Central Florida venues such as Disney attractions and NASA's Kennedy Space Center
- Meet new people
- Make new friends

Application Deadline: April 5, 2017

Apply online: <http://www.amalthea-reu.org>

For more information, visit the Web site at www.amalthea-reu.org or contact:

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