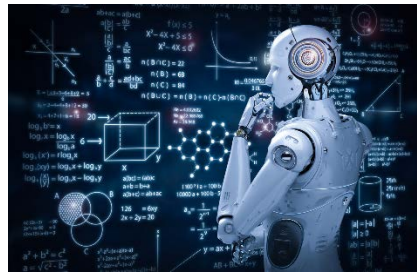




CyberCops: The Houston Alliance for Student Research on Deceptive Attacks



<https://www.securityinfowatch.com/cybersecurity/article/21114214/a-brief-history-of-machine-learning-in-cybersecurity>

Image Courtesy of Big Stock.com

This Office of Naval Research supported program will provide research opportunities to undergraduate STEM students enrolled at Texas Southern University, University of Houston, and University of Houston – Downtown. Students will build skills in three areas: *machine learning*, *natural language processing*, and *cybersecurity*, in the context of deception, fake news and social engineering attack detection. Students will receive extensive virtual training in statistics, data and security analytics, machine learning, and natural language processing during the fall semester of 2021 in order to become prepared for the research projects at UH in spring of 2022. The students will be expected to devote 15 hours per week throughout the duration of the project (32 weeks).

Qualifications:

1. STEM major, at least 3.00 GPA. Juniors preferred; sophomores with strong academic record and seniors considered.
2. ROTC, military connected students, and student veterans preferred.
3. Current U.S. citizen or permanent resident status.

Benefits: \$8,640 stipend, research experience.

Application Deadline: August 10, 2021, or until all positions are filled.

To receive the application form or more information about the program, please contact

Professor Katarina Jegdic

Email: jegdick@uhd.edu

Phone: 713-221-8631



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APPLICATION FORM

Name (First, Middle, Last): _____

University attending: TSU UH UHD

Department: _____

Major: _____

GPA: _____

Status: ROTC Student Military connected student Student veteran Other

University status: Sophomore Junior Senior

Immigration status: U.S. citizen Permanent resident

Signature: _____ Date: _____

Please print out this **Application Form**, fill it out, scan, and email it together with your

- **Transcripts** and
- **Personal Statement** describing your qualifications, academic preparation, skills, goals, and interest in the program

to Professor Katarina Jegdic at jegdick@uhd.edu The email subject line should be your first and last name and all three forms must be emailed in one email.

Also, please arrange for **two letters of recommendation** from faculty to be emailed separately to Professor Katarina Jegdic at jegdick@uhd.edu The letters must be signed and the email subject line should be your first and last name.

To ensure that your application is considered, both the application material (application form, transcripts, and personal statement) and the recommendation letters must be received by August 10, 2021.