Research Experiences for Undergraduates: Emerging Issues in Cybersecurity
May 30, 2018 - August 3, 2018

Program Summary
The REU site is hosted by the Department of Computer Science and Engineering at New Mexico Institute of Mining and Technology (New Mexico Tech). The goals of this REU site include providing students experience in cutting edge research in cybersecurity, broadening participation in computing, motivating students to pursue graduate studies in computer science, and preparing the future cybersecurity workforce. The research projects of the 2018 program address a range of topics including document format malware detection, machine learning for botnet detection, access control for smart grid, privacy-preserving location-based services, secure data logging for mobile devices, and developing user mental models against semantic attacks.

Eligibility
- US citizens or permanent residents
- Enrolled full time at a college or university majoring in Computer Science, Computer Engineering, Information Technology, Software Engineering, or other closely related majors
- Junior or senior academic standing preferred
- 3.0 or better GPA
- Adequate knowledge of programming (C, C++, Python, Java, or MATLAB)
- Be committed to working full time (40 hours per week) during the 10-week program
- Minorities and women are strongly encouraged to apply

Benefits
- $5,000 stipend and up to $600 allowance for round-trip travel to/from the site
- Free on-campus housing and $1,000 food allowance
- Research experience and knowledge in cybersecurity
- Face-to-face meeting with professionals in a cybersecurity company

Application Information
Available at https://www.cs.nmt.edu/reu

Important Dates
Application deadline: March 16, 2018
Decision Notification: Apr. 9, 2018
Program begins: May 30, 2018
Program ends: August 3, 2018

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