Digital Overground

Cybersecurity and Privacy Institute Student Newsletter
Here is the May edition of Digital Underground, just in time for the beginning of the Spring semester, with a week in between to hopefully get settled in. We hope your term is off to a good start; remember, it is still technically summer, so get outside and enjoy the weather! Assuming it stops pretending it is mid-Fall temperature wise...

For starters, we would like to highlight that the 2023 Cybersecurity and Privacy Excellence Graduate Scholarship applications are now being accepted, please take a minute to check the process out.

In other news, CPI is proud to have hosted the southern Ontario teams for the 2023 CyberTitan National Finals on May 8th. This is a wonderful event that
encourages grade school age students to engage with computer science and cybersecurity issues, please check out our page on it here.

Additionally of note, CPI is proud to offer Official Student Membership to the University of Waterloo Undergraduate and Graduate Student Community!

Up until this point, CPI students were in a bit of an undefined area, as anyone on our student mailing list was considered a de facto CPI student. However, we are now putting together a slate of benefits and future programming initiatives for our students, so we are asking folx to fill out our application form here, so that we can bolster our student membership and more effectively engage with them in future.

We would also deeply appreciate your filling out the CPI Student Survey here, we look forward to hearing from you!

CPI would also like to announce that the following classes in Spring 2023 semester are eligible for the CPI Undergraduate Award: CS 458, ECE 458, SOC 413, and LS413.

We are calling for student contributors! If you are interested in sharing your year-end project or would like to send in an article, blog, or cartoon, please contact us.

Upcoming Events

WUSA Services BBQ
Student Support and Resources

Campus Wellness and Counselling Services
  CPI for Students
  Current Students Pathways
  CPI Undergraduate Award
  CPI Excellence Graduate Scholarship
  The Vector Digital Talent Hub

Research

Covid-19 on Social Media: Analyzing Misinformation in Twitter Conversations
  • CPI member Sirisha Rambhatla

F1/10: An Open-Source Autonomous Cyber-Physical Platform
  • CPI member Yash Vardhan Pant

Cache Me If You Can: Accuracy-Aware Inference Engine for Differentially Private Data Exploration
  • CPI member Xi He

Open Calls

The Vector Digital Talent Hub encourages students to create profiles on their website to apply for a variety of employment opportunities. | Vector Institute
IEEE Conference on Biomedical and Health Informatics (IEEE-EBMS)
October 15-18, 2023 | Pittsburgh, USA
Proposals Due May 1, 2023

Annual Conference for Society for the Social Studies of Science (4S)
November 8-11, 2023 | Honolulu, USA
Submissions Due May 26, 2023

USENIX Security '23 Call for Papers

In the Media

• Podcast of the Month: Cyber Security Today: DDoS attack tactic, a U.S. pharmaceuticals company reports a data breach of 5.8 million people, attacks on TP-Link routers and more

• How to Reduce Exposure on the Manufacturing Attack Surface
• Escalating China-Taiwan Tensions Fuel Alarming Surge in Cyber Attacks
• Meta Uncovers Massive Social Media Cyber Espionage Operations Across South Asia
• Hacker Shows Navy SEAL How He Can Hack Into Wi-Fi Using Flipper Tool
• Hacker Shows Navy SEAL How Easy It Is To Obtain People's Information
Our May Student Spotlight is Hossam ElAtali. Their Poster Presentation “BliMe: Verifiably Secure Outsourced Computation with Hardware-Enforced Taint Tracking”, was the winner at our 2022 CPI Annual conference. It focused on the development of a hardware-assisted outsourced computation framework that can preserve data confidentiality even in the presence of software vulnerabilities or side channels.
Our mailing address is:
200 University Ave W, Waterloo, Ontario N2L 3G1