



Institute for
Digital Innovation



THE WEEKLY

Dear Colleagues,

Join us for the launch of the Center of Excellence in Government CyberSecurity Risk Management and Resilience. Special guests include Congressman Gerry Connolly, President Gregory Washington, Vice President of Research Andre Marshall, Dean of College of Engineering Ken Ball, Dean of School of Business, Ajay Vinze, as well as prominent cybersecurity tech innovators from industry, the federal government, local government, and Mason.

When: November 8, 2023, 8:30am – 7:00pm

Where: Great Room, Krasnow Building, Fairfax Campus

RSVP [here](#).

More information available [here](#).



UPCOMING EVENTS

INOVA AI Partnership Opportunity

Come engage on **INOVA AI** on **November 17th** in the **Deans Conference Room** (Fairfax Campus, Engineering Building, 5th floor, Dean's Suite), from **10:00AM to 12:00PM**.



Bring Down Counterfeiting Hackathon 2023

Bring Down Counterfeiting 2023 is asking you to prototype solutions that enable more effective public-private partnerships to facilitate or enhance data sharing and operational cooperation among the private sector and U.S. governmental agencies in the fight against counterfeit goods. This program will challenge solvers to help develop strategies to identify and counter new and existing trends in counterfeiting and piracy.

Teams will compete for more than \$20,000 in prizes. Those that make it to the final round will be evaluated by an expert panel of judges. Bring a team or register on your own.

Event date: **August 18 to November 4, 2023**

BRING DOWN COUNTERFEITING 2023

Department of State - Career Info Session



**INFORMATION MANAGEMENT
SPECIALIST (IMS)**

IMS Career Info Session
Date: Wednesday, Nov 1, 2023
Time: 2 pm - 3:30 pm ET
Register: <https://bit.ly/3FpSvww>
U.S. Citizenship Required to Apply

 U.S. DEPARTMENT of STATE
• CAREERS REPRESENTING AMERICA •
careers.state.gov



AI in Higher Education DMV Community Event



AI in Higher Education DMV Community Event

Hosted by:  Microsoft

Join us for a day of learning and collaboration on AI technologies and best practices with your DMV peers and Microsoft Leadership.

Goal- bring together a community of high ed innovators & researchers with an interest in learning and using the latest AI technologies to share thoughts, ideas, lessons learned, and best practices in this cutting-edge space.

When and where

- December 6th, 2023--- 9am-4:30pm
- Location: Microsoft Arlington office, 1300 Wilson Blvd, 13th floor, room 13.1D
- Registration: [Register to save you spot here!](#)

What to expect

- 9am-12:30pm: informational sessions and collaborative panel discussions on topics such as OpenAI, responsible AI, and AI in research.
- Lunch & Learn HPC session with Rescale 12:30-1:30pm
- 1:30-4:30pm: Hand-on labs focused on researchers getting started with AI in the cloud with guidance from experts.

You are welcome to register and attend either the 1st half and/or the 2nd half of the event!

Full Agenda Included Below

We hope to see you there!

CCI OPPORTUNITIES

Commonwealth Cyber Initiative - KeyCaliber Opportunities

Software Engineer Internship

At KeyCaliber, we are an early stage company doing big things to advance cybersecurity programs in meaningful ways. You will work side by side with a team of industry veterans who possess decades of experience defending networks and quantifying cyber risk. Using cutting edge technology, data visualization, and advanced machine learning, we are empowering organizations to prioritize their most precious cybersecurity resources. We are here to make the fight not just manageable but winnable and we need someone like you to be a part of our mission!

We are looking for a Software Engineering Intern who is excited by the idea of starting their career in the uniquely fast moving and challenging environment of an early stage startup. You will be joining a tight-knit team of software engineers from all different backgrounds working together to help organizations address some of their hardest cybersecurity challenges. You will learn a ton in a highly supportive environment and will pick up all kinds of skills that will propel you in your journey towards becoming a software craftsman. The ideal candidate is one who is self-driven, excited to learn new things, and can help us improve our product to delight our customers.

What You Will Do

- Solve real business problems with software you've developed that will be used daily by cyber security professionals to keep their organizations secure.
- Develop the ability to build, test and deploy containerized applications in a Kubernetes managed environment.
- Amplify your learning by working with other engineers through code reviews, ensemble programming, and receiving regular coaching and mentorship.
- Gain experience working in a collaborative environment that adheres to lean software principles to deliver value.

Requirements and Qualifications

- US citizenship
- Be actively enrolled at one of the following institutions: George Mason University, James Madison University, University of Mary Washington, Northern Virginia Community College, Blue Ridge Community College, Laurel Ridge Community College, or Germanna Community College
- Willing to work remotely while residing in the state of Virginia
- Currently studying for a degree in Computer Science or Computer Engineering
- An eagerness to experiment, learn new skills, and take on different kinds of tasks as they arise
- Some amount of comfort and familiarity with a Linux terminal
- Some experience and knowledge of Python, JavaScript and/or other programming languages

Benefits

- Position yourself for a great career in cyber security, one of the fastest growing industries in the country.
- First-hand experience in working from the ground up at an early-stage startup with tons of opportunity for fast career growth and progression.
- Collaborative and productive company culture where everyone's values and opinions are respected and their best work.
- Work for a company that prioritizes people and cares about creating a strong culture and healthy work/life balance.
- Ability to work 100% remotely.

Contact:

Nardia Meenan
KeyCaliber, Inc.
Email: nardia@keycaliber.com
Attn: CCI Scholars

AWARDS

Congratulations to:

Durant, Liza Price Wilson from the [College of Engineering and Computing](#) for receiving the Virginia Innovation Partnership Authority grant on *CCI Scholars Program – Industry Placement*.

Yu, Lap Fai from the [College of Engineering and Computing](#) for receiving the Virginia Innovation Partnership Authority grant on *Detecting Anomalous Virtual Reality Teleoperations via Artificial Intelligence*.

Amiri Darehbid, Mehdi from the [College of Engineering and Computing](#) for receiving the Office of Naval Research grant on *Naval CARE: Naval Corrosion Awareness through Research and Education Enhancing STEM Outreach and Undergraduate/Graduate Education and Research in Mechanical, Materials, and Manufacturing at GMU*.

Johri, Aditya from the [College of Engineering and Computing](#) and Co-PIs **Islam, Khondkar R.** and **Genaro Motti, Vivian** for receiving the National Science Foundation grant on *EAGER: Education DCL: An Embedded Case Study Approach for Broadening Students' Mindset for Ethical and Responsible Cybersecurity in AI*.

Raz, Ali Khalid from the [College of Engineering and Computing](#) for receiving the US Department of Defense grant on *Digital Engineering Tools for Acquisition Support: A Systematic Approach for Autonomous System Acquisition and Integration into SoS via Data-Driven Trade Studies*.

FUNDING OPPORTUNITIES

[National Science Foundation - CRISES Program](#)

Deadline: **Continuous Submission**

[National Science Foundation - Principles and Practice of Scalable Systems](#)

Deadline: **January 22, 2024**

[Comcast Corporation - Innovation Fund](#)

Deadline: **Continuous Submission**

[National Science Foundation - Cyber-Physical Systems](#)

Deadline: **December 29, 2023**

IDIA AFFILIATION

Did you know that, as an IDIA faculty affiliate, you are eligible to:

Compete for [internally funded IDIA projects](#)

Receive support for [IDIA-relevant events](#)

Become part of the [dynamic multidisciplinary faculty network](#) focused on digital techniques and technologies to advance fields as diverse as finance, education, built infrastructure, science, economics, agriculture, health, transportation, entertainment, national security, and social justice.

There is no financial burden to you or your departments for affiliation with the institute. Participation in IDIA does not prevent its members from being associated with other university centers. If you are not already affiliated, we encourage you to submit your profile [here](#).

SHARE WITH US

We are eager to hear from you! As we work with your colleges to compile updates on digital innovation-related research activities at Mason, we would love to hear about your research activities, awards, and recent publications. Please share any successes, concerns, or ideas with us at idia2@gmu.edu



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