



Institute for  
Digital InnovAtion



# THE WEEKLY

## 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**.



### Gov Future Forum DC

FEATURING:



**LANDON VAN DYKE**  
Department of State



**ADARRYL ROBERTS**  
Defense Logistics Agency



**CHRIS TONJES**  
DC Department of  
Employment Services



**DR. GREG PAPPAS**  
FDA (Invited)

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Faculty Affairs and Research Development Services Workshop

Faculty Affairs and Research Development Services invite you to our final Faculty Matters workshop for the semester – Navigating Politics in Academia. The workshop is a discussion about navigating academic politics with experienced Mason professors who will share their experiences/perspectives on how to manage this side of academic life.

Event Date: **November 28** from **1:30PM** to **3:00PM**

Register [here](#).

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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](mailto:nardia@keycaliber.com)  
Attn: CCI Scholars

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# AWARDS

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Congratulations to:

**Otis, Jessica M.** from the [College of Humanities and Social Science](#) for receiving the National Endowment for the Humanities grant on *Mathematical Humanists*.

**Roeting, William H.** from the [College of Engineering and Computing](#) and Co-PIs **Wijsekera, Duminda** and **Kobsar, Joseph T.** for receiving the US Department of the Army grant on *Chief Digital and AI Office (CDAO)*

*Other Transactional Agreement and Public Private Partnership.*

**Viano, Samantha Lillian** from the [College of Education and Human Development](#) for receiving the National Science Foundation grant on *CAREER: Second Chance STEM: Uncovering school policies structuring access to and engagement in high school STEM credit recovery.*

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## FUNDING OPPORTUNITIES

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[National Science Foundation & CASIS Collaboration on Transport Phenomena Research on the International Space Station \(ISS\) to Benefit Life on Earth](#)

Deadline: **March 4, 2023**

[National Science Foundation - National Center for Science and Engineering Statistics Funds over \\$7.5 Million in National Secure Data Service Demonstration Projects](#)

Deadline: **Continuous Deadline**

[National Science Foundation - Expeditions in Computing](#)

Deadline: **April 24, 2024**

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## IDIA AFFILIATION

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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](#).

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## 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](mailto:idia2@gmu.edu)



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