

## Postdoctoral Research Associate – Trustworthy AI

### About Us

We have an immediate opening for a full-time Postdoctoral Research Associate at the Georgia State University's new INformation Security and Privacy: Interdisciplinary Research and Education (INSPIRE) Center. All the applicants in the broad area of **Trustworthy AI**, including but not limited to Private AI, Safe and Secure AI, Robust and Reliable AI, Explainable AI, Human-Centered AI, and Fairness, Accountability, Transparency, and Ethics (FATE) in AI will be considered but priority will be given to candidates with expertise and background in privacy-preserving machine learning and/or adversarial machine learning. We have several projects funded by NSF, DoD, NSA, and Microsoft Research in these areas. The initial appointment will be one year and is renewable for second year.

### About the Team

The INSPIRE Center is an interdisciplinary center that brings together individuals and units with an interest in the areas of cybersecurity, privacy, and trustworthy AI and is designated a **National Center of Academic Excellence in Cyber Defense Research (CAE-R)** by the National Security Agency and the Department of Homeland Security. More information about the INSPIRE Center's research can be found here: <https://inspire.gsu.edu/>

### About the Role

The successful applicant will work with Prof. Daniel Takabi at the Department of Computer Science and the INSPIRE Center at Georgia State University in Atlanta, GA. Applicants should be motivated to both join existing projects and propose new opportunities and directions. Primary duties and responsibilities include:

- Conduct original research in the area of trustworthy AI.
- Work with graduate students (with an opportunity to co-supervise).
- Publish papers on findings at conferences and in journals.
- Participate in software development.

### Minimum Qualifications:

- Background in research focusing on trustworthy AI.
- Excellent written communication skills demonstrated by prior publications.
- Creative experience in asking and answering important research questions by leading on prior research activities.
- Completed/ near completion of a PhD in computer science, computer engineering, mathematics, or related area.

### Preferred Qualifications:

- Experience in privacy-preserving machine learning and/or adversarial machine learning
- Background knowledge in machine learning.
- Understanding of the relevant literature.
- A good understanding of software development practices.

If interested, please apply at <https://tinyurl.com/yc2wxm98>

If you have any question, please contact Prof. Daniel Takabi ([takabi@gsu.edu](mailto:takabi@gsu.edu)).

**About Georgia State University**

Georgia State University is the largest in the state of Georgia and an enterprising R1 university located in the center of Atlanta, is a national leader in using innovation to drive student success and research growth. Georgia State University provides its world-class faculty and more than 52,000 students unsurpassed research, teaching, and learning opportunities. The university is located in the heart of one of the largest and most racially and ethnically diverse metropolitan areas in the Southeastern U.S.

We strongly encourage applications from women, underrepresented minorities, individuals with disabilities, and veterans.