

GRA Positions in Privacy-preserving Machine Learning

The INSPIRE Center (<https://inspire.gsu.edu>) is looking for graduate research assistants (GRAs) to work on a project related to privacy-preserving machine learning (PPML).

Job Description: The GRAs will help implement a project that combines machine learning and cryptography. Most of the project is written in C++ with some Python code. If you want to join the project, **you must have strong C++ skills**. The work involves the implementation of low-level machine learning and linear algebra algorithms in C++ as well as routines that analyze and optimize programs composed of these algorithms.

Ideal candidate would be someone with background in both machine learning and cryptography.

Required skills:

- Advanced C++
- Intermediate C
- Intermediate Python

Desired skills:

- Some knowledge of neural networks
- Some knowledge of public-key cryptography
- Linear Algebra
- Compiler design
- TensorFlow
- Bazel
- Python Ctypes
- Git

You can apply at <https://tinyurl.com/2p8x9v68>

Please apply **only if you have the required skills**. There will be a coding interview!