

# Georgia Tech's Open Source Program Office

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Co-PIs of Sloan Foundation OSPO Grant

# Core Team Members



**Jeff Young**

PI, Director



**Fang (Cherry) Liu**

Co-PI, Associate Director



**Ron Rahaman**

Senior Personnel

***Joint effort among COC,  
OIT/PACE and the Library!***



**Justin Ellis**

Digital Learning and  
Instruction Librarian



**Cliff Landis**

Digital Curation Archivist

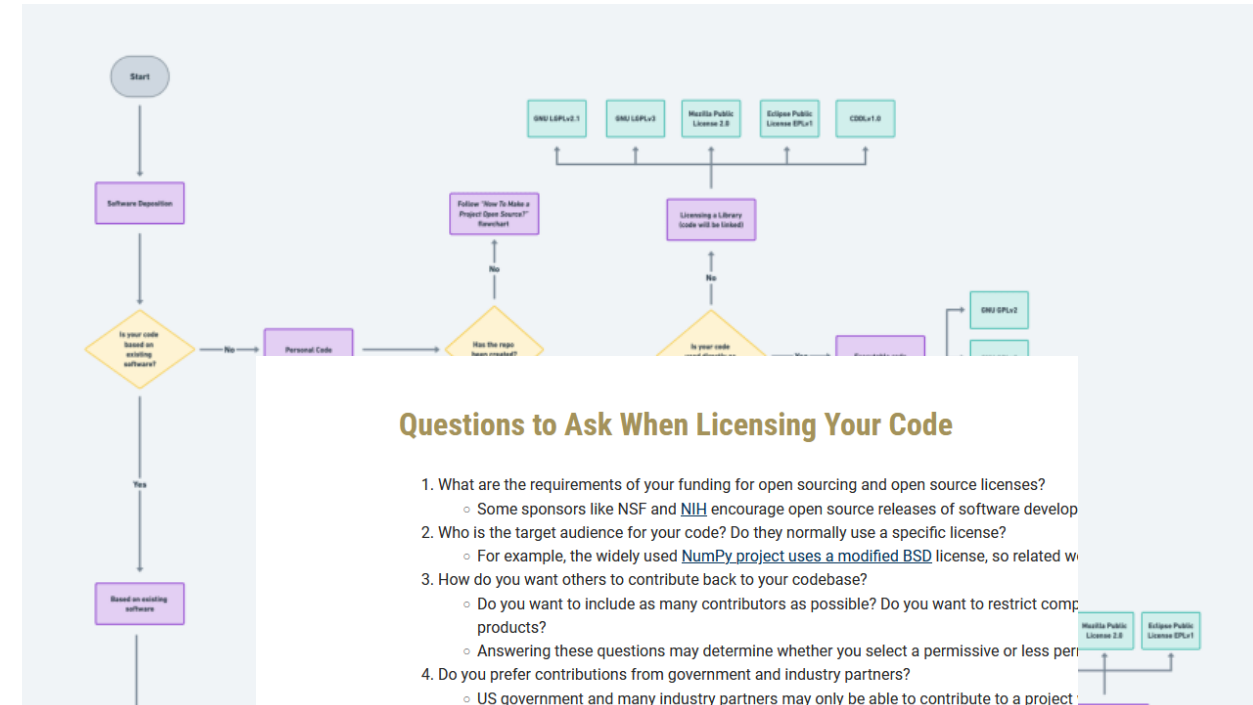


**Dillon Henry**

Digital Accessing Archivist

# What does the OSPO do?

- Helps the Georgia Tech community decide how to license and open source software and data
- Advises faculty and staff on open source funding calls and best practices
- Provides opportunities for students to learn about open source and participate in related programs like the Virtual Summer Internship Program
- Works to promote open source tools and open source AI via events and resources



## License Recommendations for Software

Preferred: [MIT License](#), [BSD License](#), [Apache 2.0 License](#), [LGPL v3.0 License](#)

See [TL;DR Legal](#) for a summary of these licenses. You can also use [Choose A License](#) to evaluate

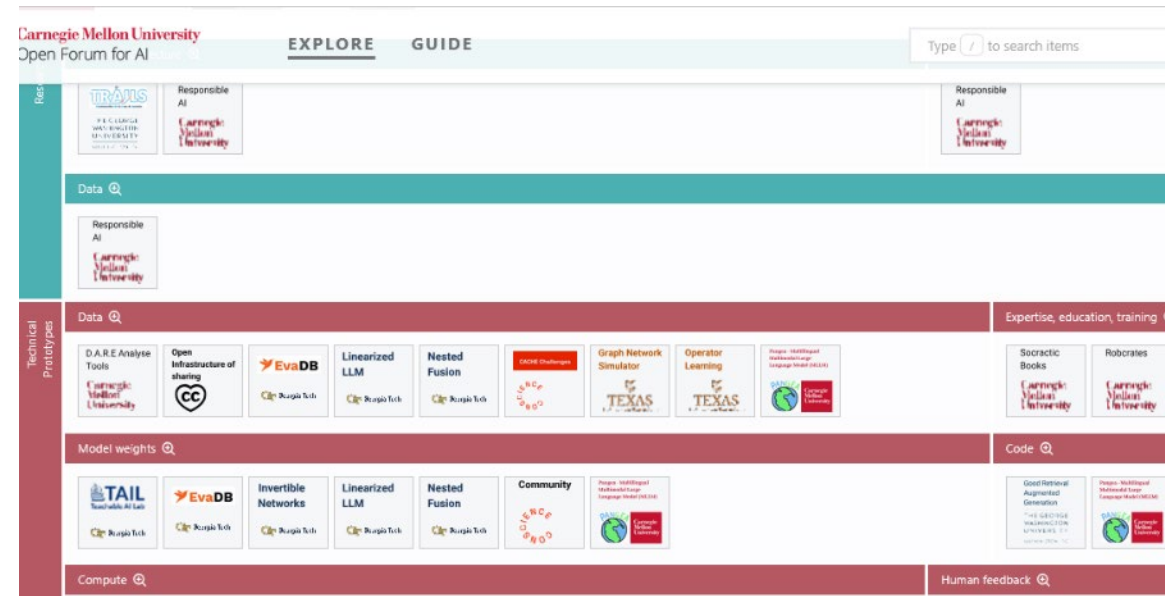
*Licensing workflows and guidelines from  
[www.ospo.cc.gatech.edu](http://www.ospo.cc.gatech.edu)*

# Open Forum for AI (OFAI) and OSI Definition

## Open Forum for AI

- GT joined this CMU-led effort in 2024
- Provides a balanced voice focused on transparent, responsible, safe and ethical AI
- A recent effort on identifying the AI landscape includes five GT research groups
  - *Likely many more to be added!*

<https://openforumai.github.io/landscape/>



DONATE About Open Source Definition Licenses Open Source AI

## What is Open Source AI

When we refer to a “system,” we are speaking both broadly about a fully functional structure and its discrete structural elements. To be considered Open Source, the requirements are the same, whether applied to a **system**, a **model**, **weights** and **parameters**, or other structural elements.

An *Open Source AI* is an AI system made available under terms and in a way that grant the freedoms<sup>1</sup> to:

- **Use** the system for any purpose and without having to ask for permission.
- **Study** how the system works and inspect its components.
- **Modify** the system for any purpose, including to change its output.
- **Share** the system for others to use with or without modifications, for any purpose.

## OSI AI 1.0 definition

- Aims to define and promote open-source standards related to transparency, innovation, and equitable access around open-source software and data.

<https://opensource.org/ai/open-source-ai-definition>

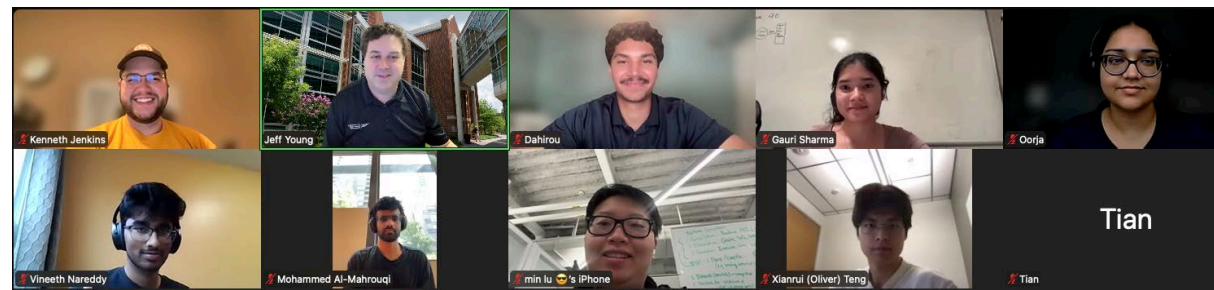


# OSPO@GT – Open Source AI Research

Virtual summer internship program (VSIP) runs for 10 weeks from mid-May to the end of July

- 12 open-source projects were chosen with GT and IBM mentors
- 2-3 students per project
- Weekly training sessions, meetings with mentors, and a final poster session
- VSIP 2025 program completed with ~30 students

Projects included several open source AI tools modifications and tutorials



## Deep Search tools - Copilot + Open Source

Microsoft 365 Copilot (A5 tier license provided by GT)

- Users can create "declarative agents" that have access to locally hosted data (JSON) and can be tailored to specific tasks

- Agents can search the web, run on GPT-4

### LangChain (agent support)

- Pros: widest integration ecosystem, strong agent tooling.
- Cons: fast-moving APIs, heavier deps, and trickier debugging/state management.

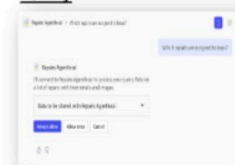
### Haystack (agent support)

- Pros: pipeline-first design, typed nodes, solid eval/benchmarking
- Cons: fewer integrations/agent tools, more boilerplate for custom tools

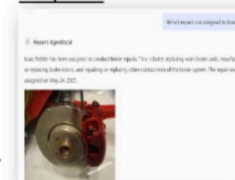
### LlamaIndex (very little support)

- Pros: document-centric APIs, fast to stand up Index/QueryEngine, flexible graph/route querying.
- Cons: abstractions can hide performance costs, less built-in ops (running, monitoring, scaling and maintenance) tooling, newer agent tools

### Query



### Response

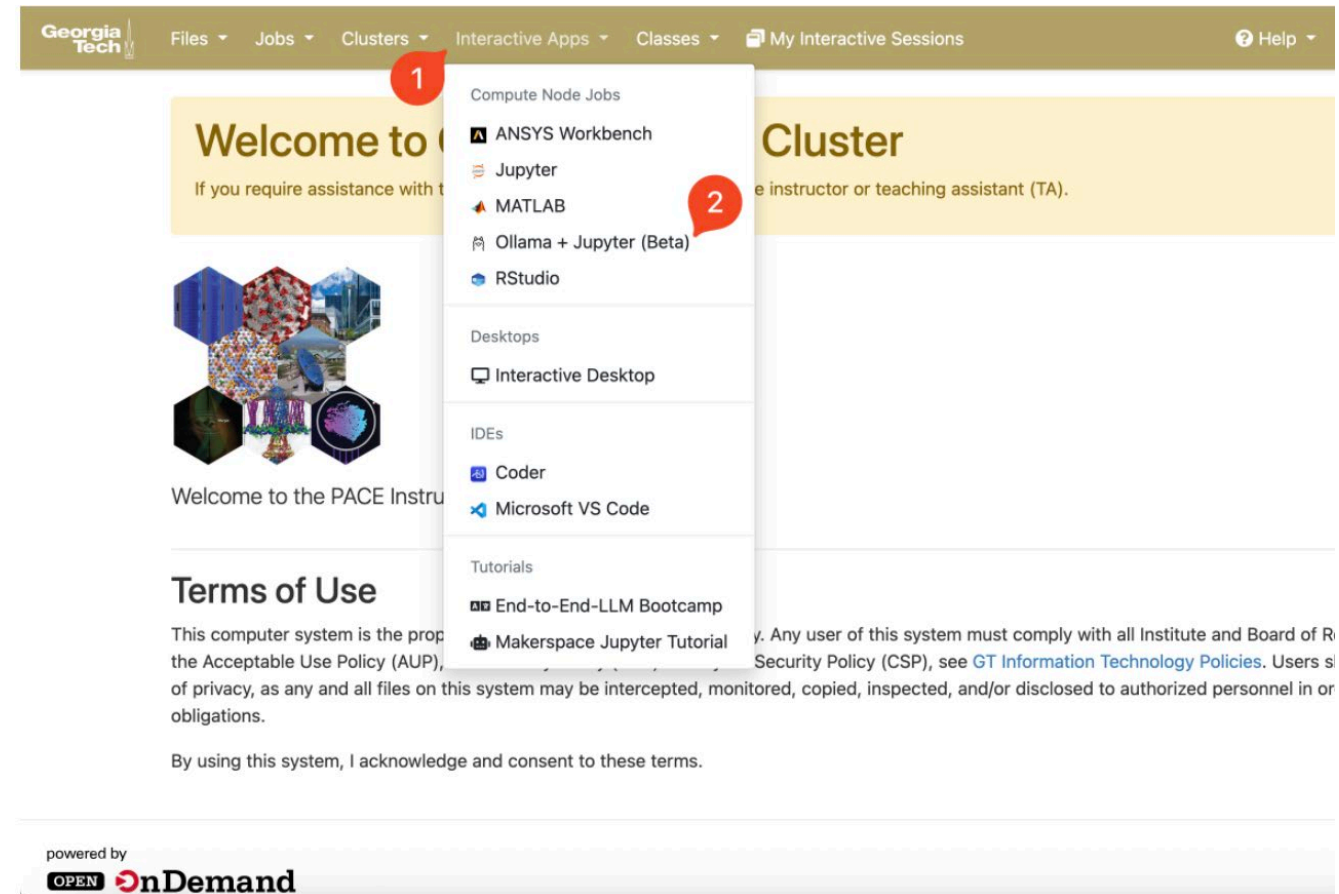


*Student posters can be found at [github.com/gt-ospo/summer-internship-program](https://github.com/gt-ospo/summer-internship-program)*

# OSPO@GT – Computing with Open Source AI

PACE support for Ollama via Instructional Computing Environment (ICE) and AI Makerspace

- Includes several open weight models such as Granite 3.3
- Open OnDemand interface allows running Jupyter notebooks on the cluster from a web browser



IBM Granite Fork: <https://github.com/gt-ospo/granite-workshop>

The background of the slide features a faded, sepia-toned photograph of a vintage open-top car parked on a lawn in front of a large, multi-story brick building with many windows. The car has a 'GT' logo on its side. In the top left corner, there are faint, white geometric line patterns.

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