

# CS 4698 W13: Research Assistantship

Summer 2026

Georgia Institute of Technology

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**Instructor:** Anqi Wu

**Department:** Dept/Computer Science

**CRN:** 56004

**Course Format:** Faculty-supervised research assistantship

**Meeting Time/Location:** By arrangement

**Office Hours:** By appointment

**Email:** awu36@gatech.edu

## Catalog Description

Independent research conducted under the guidance of a faculty member.

## Course Overview

This course provides advanced undergraduate students with in-depth research experience through a structured research assistantship. Students are expected to contribute meaningfully to ongoing research projects, develop technical depth, and engage with research practices approaching graduate-level work.

## Learning Objectives

By the end of the course, students are expected to:

- contribute to a well-defined research project through technical work;
- independently implement, experiment, and analyze computational methods;
- critically connect research literature to practical implementation;
- communicate technical progress and results clearly and professionally;
- collaborate effectively within a research team.

## Course Activities

Depending on the project, activities may include:

- reading and synthesizing relevant research literature;
- developing algorithms, models, or software systems;
- designing and conducting experiments;
- analyzing data and validating results;
- participating in lab meetings and research discussions;
- preparing technical reports, presentations, or code artifacts.

## **Expectations**

Students are expected to demonstrate independence, initiative, and responsibility:

- attend regular meetings with the instructor or research mentor;
- make consistent and measurable progress;
- take ownership of assigned research components;
- communicate clearly and proactively.

A project plan with milestones and deliverables will be established early in the semester.

## **Assessment**

Evaluation emphasizes contribution, consistency, and technical rigor.

- Initiative and ownership: 25%
- Research progress and consistency: 30%
- Technical quality and rigor: 30%
- Final deliverable (report, presentation, or equivalent): 15%

## **Attendance and Communication**

There are no formal lectures. Students are expected to attend scheduled meetings and maintain consistent, professional communication. Regular updates are required.

## **Late Work**

Deadlines will be defined based on the project plan. Students should communicate early regarding any delays.

## **Academic Integrity**

All work must comply with the Georgia Tech Honor Code. Proper attribution of ideas, code, datasets, and external resources is required.

## **Accessibility and Student Support**

Students requiring accommodations should contact the Office of Disability Services and notify the instructor early. Georgia Tech provides additional academic and wellness resources to support student success.

## **Institute Policies**

All Georgia Tech policies on academic conduct, non-discrimination, accessibility, and student behavior apply.

*Note: This syllabus outlines general expectations for a research assistantship course. Specific requirements and deliverables may vary depending on the project and will be defined in consultation with the instructor.*