Summer Institute @ UCF Employment Application

SI@UCF—Computer Science is an academic summer camp offered through the College of Engineering and Computer Science which runs **Weekdays, 8 am—4:30 pm from June 1 – 19, 2026.** About 35 high school students come to UCF to learn computer programming and concepts of Computer Science. We are looking for Teaching and Lab Assistants to assist during the Institute. Expect a minimum commitment of **30 hours per week** during the three weeks of camp for a guaranteed $1000. An additional $200 will be given for your attendance at required pre-camp trainings/meetings and for your time spent in course prep.

If you have any further questions about the program itself or these positions, please contact Mr. Arup Guha at (321) 663-7749 or see him in HEC 240. Any questions regarding the application process or selection can be directed to the Center for Initiatives in STEM at (407) 823-6230 or stem@ucf.edu. Applications are due by **March 13, 2026** no later than **5pm** to stem@ucf.edu. Formal interviews will take place the following week or two. ***Receipt of an application does not guarantee an interview.***

Qualifications:
Preferred applicants are UCF students with a solid background in computer science. Experience teaching either in an official role at UCF or at summer camp will also be helpful. Applicants must be in good standing at the University of Central Florida and be able to pass a Florida Department of Children and Families Level II background screening.

Roles:
- **Programming Class Teaching Assistants:** Will facilitate recitation sections every morning during the camp, be responsible for grading students' homework submissions and helping in the afternoon lab. The teaching assistant must know all course material for their designated course, before the beginning of the camp.
    - **Beginner Programming and Game Design (Python and pyGame):** For students with little or no prior programming experience and who have not yet completed Algebra II. Students will first learn the basics - data types, variables, arithmetic and Boolean expressions, control structures, etc.
    - **Object-Oriented Programming in Python/PyGame:** A step up from the Beginner course for students who have taken at least one formal programming course. Students will review standard Python constructs followed by learning how to design their own classes to manage objects in the games that they design in pyGame.
    - **Introduction to Competitive Programming:** The TA for this course should be familiar with C++. Familiarity with the website kattis.com to solve programming competition problems is preferred.
- **Lab Teaching Assistants:** Assist students in their afternoon lab time and should have enough familiarity with all three classes to help students work on their assignments. Minimally need to be available every afternoon during the camp from 1-4:30 pm.

Common Duties for all Teaching Assistants and Lab Assistants
All teaching and lab assistants will be responsible for various tasks to ensure the smooth running of the camp including: monitoring students in the morning when they arrive, going on field trips, helping run evening activities, taking attendance and helping with logistical issues as they arise during the camp. *Note: You may be hired for a different role than the one you apply for if it's determined that you are the best for that role. Adjustments may be made to responsibilities based on the timing of outside responsibilities of the TAs hired. Every effort will be made to keep the total amount of work for each teaching assistant as equal as possible while adjusting for each individual TAs class schedules.*

Required Trainings/Meetings:
Pre-Camp Meeting with Sponsor: week of April 13, 2026
Instructor/TA meetings: Ongoing Spring Semester
First Aid Training: April 28, 2026

The Center for Initiatives in STEM

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Please print and complete the following questions with the appropriate response.

Full Name (First & Last): _____ UCFID # (7 Digits): _____

Local Address: _____

City: _____ State: _____ Zip Code: _____

T-shirt size ☐ Small ☐ Medium ☐ Large ☐ X-Large ☐ XX-Large

Cell Phone: _____ Alternate Phone: _____

UCF E-mail Address: _____

(Email will be the primary method of communication for pre-camp information)

Please indicate your academic standing as of the end of the current semester:

☐ Yr. 1 ☐ Yr. 2 ☐ Yr. 3 ☐ Yr. 4 ☐ Yr. 5+ ☐ Graduate Student

What is your major(s)? _____

What is your minor(s)? _____

What is your cumulative UCF GPA? _____

What is your cumulative Major GPA? _____

Indicate which position you are applying for:

_____ Lab Assistant (must be available from 1-4:30pm each weekday)

_____ Beginning Python Teaching Assistant

_____ Object-Oriented Teaching Assistant

_____ Introduction to Competitive Programming Teaching Assistant

Have you been a TA before? ☐ Yes ☐ No

If so, which class(es) did you teach and where?

Do you have experience with the Python programming language? ☐ Yes ☐ No

Do you have experience with the C++ programming language? ☐ Yes ☐ No

If yes for either, what type of experience?

Have you had any formal training that would make you qualified for this position?

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Please print and complete the following questions with the appropriate response.

List any courses planned for Summer 2026 at UCF or elsewhere (with times, if available):

Course 1: _____

Course 2: _____

Additional Courses: _____

_____

What are your other summer obligations, if any?

Are you currently, or will you be, employed at UCF in another office? ☐ Yes ☐ No

If so, in which office(s) and when?

Will you continue employment there this summer? ☐ Yes ☐ No

List any scholastic honors:

List your extracurricular involvement:

Please complete the following questions and attached your typed responses

1. What three characteristics do you possess that would qualify you for this position?

2. Name one concept you feel beginning computer science students have difficulty understanding. Give one idea of how you would explain that concept.

Submit completed application and current resume to:

STEM@ucf.edu

by <u>March 13</u> by <u>5pm</u>