

# Summer 2017



## Employment Application

Summer Institute @ UCF

Thank you for your interest in applying for employment with the Summer Institute at UCF for this upcoming summer. The SI@UCF—Computer Science is an academic summer camp offered through the College of Engineering and Computer Science which runs from **June 12th–30th, 2017**. About 30 talented and gifted high school students come to UCF to learn computer programming and concepts of Computer Science. Below are descriptions of the positions that we have available. 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 in MSB 230. Applications are due by **February 24, 2017** no later than **5pm** in MSB 230 with formal interviews taking place a week or so after. **Receipt of an application does not guarantee an interview.**

### **Qualifications:**

Preferred applicants must be 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.

### **Programming Class Teaching Assistants**

The teaching assistant for each course will facilitate 45 minute recitation sections every morning during the camp, be responsible for grading students' homework submissions and helping in the afternoon lab every other day. The teaching assistant must know all of the course material for their designated course, before the beginning of the camp.

- **Introduction to Programming using Python and pyGame**  
Students will be introduced to variables, arithmetic expressions, if statements, loops, lists in standard Python as well as game loops, game development concepts, drawing images, simulating movement of objects and object collision in pyGame.
- **Object Oriented Programming and GUI Development in Java GUI**  
The teaching assistant for the course needs to be familiar with standard Object Oriented development in Java and Swing.
- **Android Development**  
The teaching assistant for the course needs to be familiar with polymorphism, a game loop, OpenGL, Open AL and Android.

### **Lab Assistants**

Lab assistants need to be available every afternoon during the camp from 2 – 5 pm and need to have enough familiarity with all three classes to help students work on their homework assignment for each class.

### **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. These duties will be assigned based on each TA and LA's availability and every attempt will be made to give out these duties fairly to all involved.



**For Section II: Educational Background**

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)? \_\_\_\_\_

Anticipated degree: \_\_\_\_\_

Scholastic honors: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

List your extracurricular involvement: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

What is your cumulative UCF GPA? \_\_\_\_\_

What is your cumulative Major GPA? \_\_\_\_\_

List any courses planned for Summer 2017 at UCF or elsewhere (with times, if available):

Course 1: \_\_\_\_\_

Course 2: \_\_\_\_\_

Additional Courses: \_\_\_\_\_

**For Section III: Essays**

**Please complete the following questions and attach your typed responses, one question per page.**

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.

**END OF APPLICATION**

**Please attach a current resume to this application and return both to:**

**MSB 230A (Front Desk)**

**By February 24, 2017 by 5pm**



## Care Provider Background Screening Clearinghouse Background Screening Request Form

You have applied for a position with a health care and/or service provider regulated by a specified agency in the Care Provider Background Screening Clearinghouse (Clearinghouse) that requires a fingerprint-based background check. As a health care and/or service provider regulated by a specified agency in the Clearinghouse we may conduct a search for an existing background screening result or submit a new background screening request through the Clearinghouse results website on your behalf.

In order to complete the search and/or background screening request we must collect the following information. This information is required by the Clearinghouse, the Florida Department of Law Enforcement, and the Federal Bureau of Investigation.

Please provide the following information:

### Applicant Information

\*First Name: \_\_\_\_\_  
Middle Name: \_\_\_\_\_  
\*Last Name: \_\_\_\_\_  
Aliases: \_\_\_\_\_  
\*SSN: \_\_\_\_\_  
\*Date of Birth: \_\_\_\_\_  
\*Place of Birth: \_\_\_\_\_

### Demographics

\*Sex: \_\_\_\_\_  
\*Race: \_\_\_\_\_  
\*Hair Color: \_\_\_\_\_  
\*Eye Color: \_\_\_\_\_  
\*Height: \_\_\_\_\_  
\*Weight: \_\_\_\_\_

### Contact Information

\*Address Line 1: \_\_\_\_\_  
Address Line 2: \_\_\_\_\_  
\*City: \_\_\_\_\_  
\*State: \_\_\_\_\_  
\*Zip: \_\_\_\_\_  
County: \_\_\_\_\_  
Prior States: \_\_\_\_\_  
Email: \_\_\_\_\_  
Phone: \_\_\_\_\_

**END OF APPLICATION**