



Charleston Summer Leadership  
and Service Institute

# Youth Change Agents Wanted

When: July 6-10 & July 13-16 | Who: Rising 7th & 8th Grade Students |  
Where: College of Charleston | Cost: Free



For more information contact:

Katie Tumbleston  
843.965.4190  
TumblestonC@charleston-sc.gov

Brought to you by the City of Charleston and the Office of Community Relations at the  
College of Charleston



# Palmetto Cyber Security Summer Camp 2016

## Student Track Descriptions

### Junior Cyber Warrior Track (5/6<sup>th</sup> & 7/8<sup>th</sup> Grade)

This track provides a full week of fun and engaging exercises focused in STEM and Cybersecurity. Throughout the week, students will learn about circuits, basic programming, and physics involved with building trebuchets, as well as experimenting with command and control systems (Quad-copters and Rovers). Students will get hands-on experience with Lego Mindstorm, snap circuits, and coding while also getting to learn basic cybersecurity skills. There are **NO** prerequisites for this track.

### Intermediate Cyber Warrior Track (6<sup>th</sup> - 8<sup>th</sup> Grade)

Students in this track begin the week learning about computer hardware and networking components and even learn how different operating systems work. Each student will gain experience in identifying vulnerabilities, securing operating systems and learning security terminology. Students will also gain experience by learning programming based on fun and exciting exercises. By the end of the week, students will face-off in a head-to-head competition to test how much they learned. **Prerequisite: Must have completed the Junior Cyber Warrior Track or acceptance by an LTA Camp Administrator.**

### Intro to Cybersecurity

More than likely you have heard the term "Cyber" and even more so used the Internet from some type of computer or smart phone. This class introduces students to the exciting field of "cyber security" and information security. Throughout this class, students will learn the basics of how information systems and network communication work in addition to security. There are **NO** prerequisites for this track.

### Computer Network Defense (CND) Track

This track provides students with a crash course in Computer Network Defense focusing on building a secure infrastructure, harden information systems, monitoring network activity and even responding to simulated security threats. Throughout the week students will complete numerous hands-on activities that align with each of the following sessions, "Building a Secure IT Infrastructure", "Conducting Vulnerability Assessments", "Monitoring & Incident Response", and "digital forensics". **Prerequisite: Students should have a basic understanding of networking as well as Windows & Linux Operating Systems.**

### Cyber Programming Track

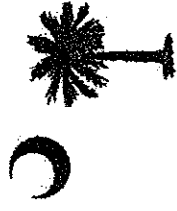
One of the fastest growing careers and offers great pay is the field of programming. This is especially true of those designing mobile apps and customized software. This track centers on teaching students proper software engineering methods such as agile, developing the ultimate programmer's toolkit, learning the basics of python, designing and building basic web pages, and mobile application development. Throughout this class, students will receive hands-on exercises from some of the best experts in the field. **Prerequisite: Students should have basic knowledge of programming including the use of variables, control & data structures, and syntax.**

### Engineering & Robotics

If you have seen the movies "Wall-E", "I-Robot", or even "Robocop" and thought how cool it would be to build a robot, then this track is for you. Of course you won't be building anything as complex as The Terminator, but you will get to design, build and operate a robot with hardware & software control systems, sensors, and motors. The course ends with the students showing off their creations in a head-to-head competition to see how many mission objectives they can complete in the shortest time possible. **Prerequisite: Students must have basic experience with robotics (Vex, FIRST, etc.)**

For more information go to our Facebook page: <https://www.facebook.com/palmettocysummercamp>

# Cybersecurity Summer Camp 2016



## Student Registration Form

Full Name of Student: \_\_\_\_\_  
Parent/Guardian Name: \_\_\_\_\_  
Parent/Guardian Email: \_\_\_\_\_  
Parent/Guardian Phone Number: \_\_\_\_\_  
School/County: \_\_\_\_\_  
Tee-Shirt Size ( Adult or Child ): S  M  L  XL  XXL  Child

Select Upcoming Grade: \_\_\_\_\_ Tracks Available:

<input type="checkbox"/> 5/6 <sup>th</sup> Grade	<input type="checkbox"/> Junior Cyber Warrior (5-8 <sup>th</sup> grade Only)
<input type="checkbox"/> 7/8 <sup>th</sup> Grade	<input type="checkbox"/> Intermediate Cyber Warrior* (6 <sup>th</sup> -8 <sup>th</sup> Only)
<input type="checkbox"/> 9 <sup>th</sup> Grade	<input type="checkbox"/> Intro to Cybersecurity (9 <sup>th</sup> – 12 <sup>th</sup> Only)
<input type="checkbox"/> 10 <sup>th</sup> Grade	<input type="checkbox"/> Computer Network Defense* (9 <sup>th</sup> – 12 <sup>th</sup> Only)
<input type="checkbox"/> 11 <sup>th</sup> Grade	<input type="checkbox"/> Cyber Programming* (9 <sup>th</sup> – 12 <sup>th</sup> Only)
<input type="checkbox"/> 12 <sup>th</sup> Grade	<input type="checkbox"/> Engineering & Robotics* (9 <sup>th</sup> – 12 <sup>th</sup> Only)

**Note:** Tracks denoted with a (\*) **REQUIRE** prerequisites. See next page for details.  
There is limited seating and will be filled on a first come, first serve basis. All registrations received without a parent/guardian ink signature, will **NOT** be registered for the summer camp until received.

\_\_\_\_\_  
*Parent/Guardian Signature*

**Lowcountry Tech Academy**  
Email Form To: [palmettocybercamp@gmail.com](mailto:palmettocybercamp@gmail.com)  
LTA Fax: (843)720-1289



THIS FORM MUST BE RETURNED TO THE SCHOOL OFFICE THREE (3) BUSINESS DAYS BEFORE THE EVENT

**PLEASE PRINT OR TYPE**

Student's Name: \_\_\_\_\_ Age: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Event: Palmetto Cybersecurity Summer Camp 2016  
Date and Location of Event: June 13-17<sup>th</sup>, 2016 / Lowcountry Tech Academy

The undersigned, Parent or Guardian of, \_\_\_\_\_ (Student) who is under the age of 18 years, hereby acknowledges that there are certain risks in participating in the above **voluntary** event and/or activity. In consideration of Charleston County School District ("CCSD") allowing the student to participate in the above event and/or activity, I hereby assume all risks associated with the event and/or activity. I assume full and complete responsibility for any injury or accident which may occur to the student in connection with the event and/or activity. I knowingly and intentionally hereby release and waive any and all claims, of whatsoever kind or nature that I or the student may have against CCSD, its Board of Trustees, employees, agents and representatives, resulting in whole or in part, from participation in the event and/or activity. This release and waiver shall be binding on my heirs, administrators, and assigns.

I understand that the event/activity is voluntary and the student may choose not to participate.

I also agree that during the time the student is involved with the above event and/or activity, the student is bound by all rules, regulations, policies, procedures and guidelines governing the student and their conduct as set forth by the CCSD's Student Code of Conduct.

Parent's/Guardian's Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**IN CASE OF AN EMERGENCY, PLEASE CONTACT:**

Name: \_\_\_\_\_

Address: \_\_\_\_\_ City/State/Zip Code: \_\_\_\_\_

Day Phone: \_\_\_\_\_ Evening Phone: \_\_\_\_\_ Mobile Phone: \_\_\_\_\_



Systems Center  
**ATLANTIC**

Space and Naval Warfare Systems Center Atlantic  
Educational Outreach Office  
P. O. Box 190022 • N. Charleston, SC 29419-9022 • Phone 843-218-4497

## ***Student Photo/Video Release***

United States Navy

EVENT: Palmetto Cyber Security Summer Camp

DATE: 13-17JUN2016

The Space and Naval Warfare Systems Center (SSC) Atlantic command may gather still image recordings (e.g., photographs), video recordings, or audio recordings highlighting a sponsored event and/or your child's participation in this event. SSC ATLANTIC would very much appreciate permission to use your child's name, likeness, voice, and/or interview in connection with this event, if necessary, for the purposes of highlighting this event in SSC ATLANTIC newsletters, web site postings and other related communications.

In consideration for being still image recorded (e.g., photographed), video recorded, or audio recorded or for attending this event, I grant permission for my child to be interviewed and/or recorded by an SSC ATLANTIC employee, and approve the use of such recordings in command newsletters, web site postings and/or other related communications.

As the parent/guardian, I affirm that I have the authority to grant permission under this agreement. I hereby relinquish any right to examine or approve the completed product. I fully understand the contents thereof.

Student's Name (please print) \_\_\_\_\_

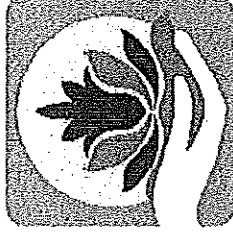
Parent/Guardian's name (please print) \_\_\_\_\_

Parent/Guardian's signature \_\_\_\_\_

Date \_\_\_\_\_



LOWCOUNTRY ORPHAN RELIEF  
Fulfilling needs. Creating hope.



Foster the Future



## CAMP FOSTER

Don't let your child go through another mindless summer because you have nowhere for them to go. Enroll them into "CAMP FOSTER!"

Our goal is to inspire the youth of our community by teaching them basic living skills along with the importance of volunteering their time by helping Lowcountry Orphan Relief fulfill their mission. Our approach is fun, captivating and will leave a positive impression on your child. This experience will also leave a lasting imprint on their resume!

**WHAT:** CAMP FOSTER is offered to all Charleston, Berkeley and Dorchester County youth ages 12-19.

Each day camper will volunteer for one hour, attend two fun life skills classes, learn about one career, participate in one team building activity and be provided with lunch.

Classes will be directed by the staff of Foster the Future and taught by skilled volunteers within the community. Foster the Future is a new program running under Lowcountry Orphan Relief.

*These Basic Skills Classes will cover the following areas:*

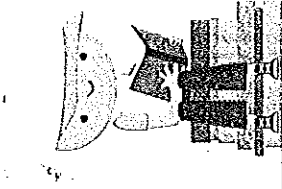
Basic Legal; Health Habits; Self-Knowledge; Higher Education; Living Skills; Job Skills;  
Money Management; Relationship Skills

**WHEN:** CAMP FOSTER will run Monday through Friday from 8 a.m.-4 p.m. beginning July 11<sup>th</sup> and ending July 22<sup>nd</sup>.

**WHERE:** Lowcountry Orphan Relief: 1850 Truxtun Avenue, North Charleston, 29405.

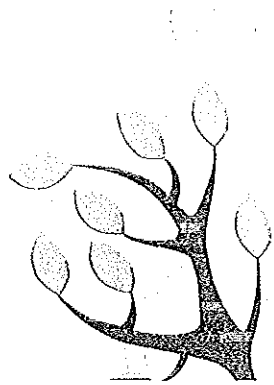
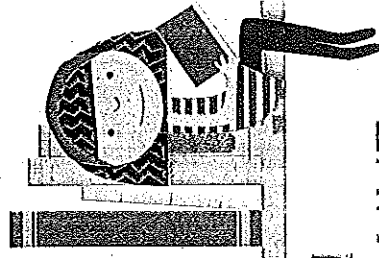
**COST:** Free!

**HOW:** Request a Registration Form via email @ [djones@lor4kids.org](mailto:djones@lor4kids.org) or call: 843-747-4099 ext. 210. You have the option to attend all classes, or hand pick the days you'd like for your child to attend. *Space is limited so please register ASAP.*



# READING SKILLS AND SPEED READING PROGRAMS

For Children and Adults



## OFFERED THIS SUMMER IN NORTH CHARLESTON, MOUNT PLEASANT AND CHARLESTON

Program for 4-Year-Olds and Rising Kindergartners  
In this fun summer program, your child will learn to read. Children in this program learn letter recognition, beginning phonics, and easy sight words. Your child will learn to read simple words and short sentences, and will develop a love of books and reading.

### Program for Rising 1st Graders

In this fun summer program, your child will learn to read independently. Children in this program learn phonics and sight words, improve comprehension, and develop a love of books and reading. Your child will get excited about learning to read and get off to a great start in first grade.

### Program for Rising 2nd Graders

In this fun summer program, your child will become a fluent, independent reader. Children in this program build solid phonics and word-attack skills, and develop reading fluency and comprehension. Your child will gain confidence and develop a love of books and reading.



Phonics

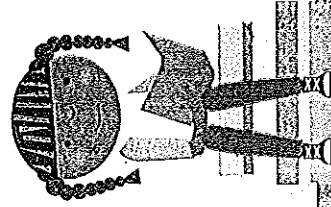
Comprehension

Vocabulary

Study Skills

Speed Reading

Love of Reading



### Program for Rising 4th and 5th Graders

In this fun and effective summer program, your child will become a skilled, enthusiastic reader. Students in this program develop long-word decoding skills, fluency, and strong comprehension. Your child will complete homework more quickly and easily, be more successful in school, and develop a love of books and reading.

### Programs for Rising 6th-8th Graders and Rising 9th-11th Graders

In these effective and enjoyable programs, your student will improve comprehension in both fiction and non-fiction, and will learn to read twice as fast. Students in these programs learn the best way to read textbooks, take notes, and study for tests. Your student will complete homework more quickly and easily, get better grades, and enjoy reading more.

### Program for Adults, Rising 12th Graders, and College Students

Learn to double your reading speed in difficult material and triple your reading speed in easier material, while improving comprehension, concentration, and retention. You'll save time and get more out of everything you read!

FOR MORE INFORMATION OR TO REGISTER

**Call 1-800-570-8935**

Monday-Friday 8am-9pm and Saturday 9am-4pm

PLEASE SEE REVERSE SIDE FOR CLASS SCHEDULE

## Teachers

Programs are offered by Clemson University's Center for Corporate Learning. Classes are taught by instructors from the Institute of Reading Development.

"I'm so happy with the class and the teacher! Jennifer has gained confidence and a greater interest in reading. Not only is she reading faster and more easily, but her comprehension is so much stronger."



- Parent of 5th Grader

## Class Schedule

Tuition varies by program level. Please ask about our family discount.

Program R - For 4-year-olds and rising kindergartners  
Program 1 - For rising 1st graders  
Program 2 - For rising 2nd graders  
Program 3 - For rising 3rd graders

Program 4 - For rising 4th and 5th graders  
Program 5 - For rising 6th-8th graders  
Program 6 - For rising 9th-11th graders  
Program 7 - For adults, college students, and rising 12th graders

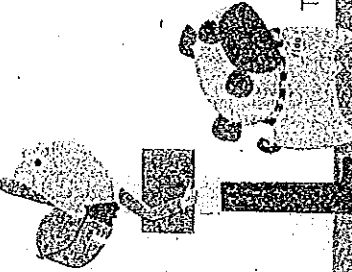
### ALL PROGRAMS MEET ONCE EACH WEEK

CHARLESTON: The following programs meet on campus at the College of Charleston.  
Program R - Sat., June 4-July 9, 9:00am-10:15am  
Program 1 - Sat., June 4-July 9, 11:00am-12:30pm  
Program 2 - Tue., June 7-July 5, 11:30am-1:00pm  
Program 3 - Tue., June 7-July 5, 1:45pm-3:15pm  
Program 4 - Sat., June 4-July 9, 1:15pm-3:00pm  
Program 5 - Sat., June 4-July 9, 3:30pm-5:15pm  
Program 6 - Tue., June 7-July 5, 4:00pm-5:45pm  
Program 7 - Tue., June 7-July 5, 6:30pm-9:00pm

MOUNT PLEASANT: The following programs meet at Lighthouse Church, 1177 Gregorie Ferry Road.  
Program R - Sat., July 16-Aug. 13, 9:00am-10:15am  
Program 1 - Sat., July 16-Aug. 13, 11:00am-12:30pm  
Program 2 - Sat., July 16-Aug. 13, 1:15pm-2:45pm  
Program 3 - Sun., July 17-Aug. 14, 12:30pm-2:00pm  
Program 4 - Sun., July 17-Aug. 14, 2:45pm-4:30pm  
Program 5 - Wed., July 13-Aug. 10, 1:30pm-3:15pm  
Program 6 - Wed., July 13-Aug. 10, 4:00pm-5:45pm  
Program 7 - Wed., July 13-Aug. 10, 6:30pm-9:00pm

NORTH CHARLESTON: The following programs meet at Fort Dorchester High School, 8500 Patriot Boulevard.  
Program R - Sun., June 5-July 10, 9:30am-10:45am  
Program 1 - Sun., June 5-July 10, 11:30am-1:00pm  
Program 2 - Sun., June 5-July 10, 1:45pm-3:15pm  
Program 3 - Sun., June 5-July 10, 4:00pm-5:30pm

NORTH CHARLESTON: The following programs meet at Fort Dorchester High School, 8500 Patriot Boulevard.  
Program 4 - Tue., July 12-Aug. 9, 2:00pm-3:45pm  
Program 5 - Tue., July 12-Aug. 9, 9:00am-10:45am  
Program 6 - Tue., July 12-Aug. 9, 11:30am-1:15pm



More reading classes are scheduled at nearby locations.

FOR MORE INFORMATION OR TO REGISTER

**Call 1-800-570-8935**

Monday-Friday 8am-9pm and Saturday 9am-4pm

These programs are not offered through the Clemson University School of Education.

INQUIRE EARLY! CLASS SIZE LIMITED.