Recommendations

B.S. Computer Science

To learn more about how you can make the most of your educational experiences within and beyond the classroom contact:

Jose M. Vidal, Director - vidal@sc.edu
PARTICIPATE

Community Service

Related courses
CSCE 490, CSCE 492: Senior Capstone Project

Recommended sites/experiences
Engineers without Borders and ACM Student Chapter

Why this is important
Computers and software are tools we use to make our lives better. In order to build software that helps people, you first have to figure out what kind of help they need.

Global Learning

Recommended timing/semester or destination
Sophomore or Junior years are best. Senior year you have to be at USC to do the Senior Capstone Project course.

Why this is important
The Internet has made it easy for your software to immediately be available to the whole world, but different cultures will experience it differently. To understand how your software will be perceived in other parts of the world you must understand their culture.

How to get started
CEC supports student participation in Study Abroad Office Programs

Peer Leadership

Opportunities
Student Organization(s)
- ACM Student Club
- Women in Computing Club
- Cybersecurity Club
- Software Engineering Group
- Carolina Gamers Club
- Code-a-Thon Group

Other Leadership Opportunities
Columbia is also home to other Professional Societies which you can join:
- Cola InfoSec www.colasec.org
- Refresh Columbia www.refreshcolumbia.com
- ConvergeSE www.convergese.com
- Columbia Enterprise Developers Guild http://www.meetup.com/ColumbiaDevelopers/
- Columbia Linux Users Group www.colalug.org

See also www.colatechevents.com for local technology meetups and events.

How to get started
New Student Welcome (before new student convocation in August).
**PARTICIPATE**

**Internship/Professional Practice**

**Recommended sites/work experiences**
Paid co-ops and internships can be found through the career center at CEC, JobMate, and at our department’s job board http://cse.sc.edu/jobs

**Why this is important**
Summer jobs and internships will teach you how companies and individuals use technology. You will learn many highly-prized skills while working.

**Research**

**Related courses**
CSCE 498: Independent Study. We will accept 498 as one of the required 500-level electives.

**Why this is important**
Research activities will help you learn about the latest technologies. A research record gives you an advantage when applying to graduate schools, and is also seen favorably by employers.

**How students can get started**
First, browse the list of faculty in the department (cse.sc.edu/people) and see their research interests. Then contact the faculty whose research you find interesting and ask them about doing an independent study or working on one of their current research projects.
Integrate

**How to Integrate** Courses, projects, or other requirements that help students think through what they have learned from beyond the classroom experience and how that relates to their course work, major, or future.

**LEAD**

**Initial career opportunities** Software Engineer, Software Developer, Web Developer, Systems Analyst, Systems Architect, Network Manager, Entrepreneur/Founder

**Related advanced academic programs** M.S./PhD in Computer Engineering

The listed experiences are a sample of options for your major. See the USC Connect experiences database to search for more opportunities.

[www.sc.edu/uscconnect/participate](http://www.sc.edu/uscconnect/participate)