

## What our students and alumni say:

“My degree from Anderson University gave me the **solid foundation** in programming and mathematics that I needed to be successful in the **video game industry**. The subject matter of video games spans everything from fighting robots to farming simulation to tank warfare, making the broad **liberal arts education** that I received invaluable.”

—Sam Bloomquist, *Computer Science-Math Alumnus*

“Design expresses my **creative potential**, while computer science allows me to **execute that creativity** in a technological way.”

— Callie Conrad, *Visual Communications Design/  
Complementary Computer Science Major*

“What I love about being a complementary computer science major is that I can **develop my interest** in computer science while **cultivating knowledge** in music. The professors are always supportive of me, **making the connections** between computer science and my music business interests.”

— David Ragsdale

*Music Business/Complementary Computer Science Major*

“The Anderson University Computer Science Department has been able to consistently deliver **high-quality** job candidates to interactive intelligence over the years. A significant part of the success of my department depends on the solid character, **critical thinking**, creativity, initiative, and confidence that the program builds in the students. My employees from the Anderson University computer science program not only come with **job skills** for our current business needs but also have the flexibility and adaptability to become much more.”

— Jim Ostrognai, *Information Systems Alumnus*

## See how computer science works with

- Law Enforcement
- Social Sciences
- Art & Design
- Math Education
- Science
- Business

**And other majors!**



Academic and Christian Discovery

Department of Computer Science  
1100 East Fifth Street  
Anderson, IN 46012-3495

Charles B. Koontz, Department Chair  
cs-interests@anderson.edu  
(765) 641-4313  
(800) 428-6414

[www.cs.anderson.edu](http://www.cs.anderson.edu)



*Opportunities in*

**Computer Science**  
**Business Information Systems**



*Make the most of your college experience.*

**ANDERSON UNIVERSITY**

Academic and Christian Discovery

## Preparing for your future?



### We Can Help

As you prepare for a 21st-century career, consider how a major or minor in computer science or information systems can give you the edge you need after graduation.

Challenging careers in software engineering, software security, systems administration, and software support will continue to expand. Understanding the uses of computers and their applications is a necessity, especially in today's competitive, technology-driven job market.

#### Facilities and Platforms

Anderson University computer science majors enjoy working on state-of-the-art computer hardware. The department provides two classroom labs and one special projects lab.

Computer Science coursework is done using Windows 7, Linux, Mac OS X, SQL Server, Oracle, .Net, and Java. UML is integrated throughout the curriculum.

#### ACM-based Curriculum

The majors offered in this department are based on curriculum guidelines of the Association for Computing Machinery (ACM), providing preparation for both graduate school and employment.

### Majors and Minors

#### Solo or Duo

Not only do our majors and minors provide students with a complete package of technical knowledge, but they also work well with any other areas of study.

#### Computer Science

*Major/Complementary Major\*/Minor*

The computer science major is great for students interested in designing and developing software with the broadest emphasis on core computer science theory and programming. The computer science minor is well-suited for math and science majors, as well as those students pursuing a career in medicine and life sciences.

#### Computer Science-Math

*Major*

The computer science-math (CS-Math) major is well suited for students intrigued by applying computer science to math-intensive applications. CS-Math majors excel in careers from scientific computing to game programming. CS-Math students are also recognized as math majors.

#### [Business]-Information Systems

*Major/Complementary Major\*/Minor*

The information systems major provides the perfect combination of business and technology through selected coursework. The information systems minor is an excellent choice for students interested in accounting, graphic design, nursing, or law.

*\* A complementary major is designed to be taken in conjunction with another major.*

### Cooperative Programs

#### Earn a bachelor's *and* master's degree in four years

Anderson and Ball State universities offer a cooperative scheduling plan that makes it possible for students to get a bachelor's degree in information systems and a master's degree in information and communication sciences in four years of year-round study. This program is open to anyone, but it is especially convenient for students coming to AU from other countries.

#### Learn. Do. Earn.

There are many opportunities to get practical experience, including paid work experiences and internships.

#### Computer Science Department

We offer students paid work experiences as early as their first semester. Opportunities include researchers, systems administrators, and web designers. *Positions are limited. Apply early.*

#### Software Research Center (SRC)

With guidance and instruction from faculty in computer science and other departments on campus, the SRC coordinates internship and work experiences with businesses in the area. The SRC is open to all majors and all levels of accomplishment.

#### Information Technology Services (ITS)

The Computer Science Department also cooperates with the Anderson University ITS to provide students with job opportunities and training in technical support, business analysis, and database programming.