

# BACHELOR OF SCIENCE IN Computer Information Systems



## PROGRAM OVERVIEW »

BACHELOR OF SCIENCE | MAJOR | MINOR

With a major in computer information systems, you will complete a strong core of computer science courses, as well as selected courses in the School of Business Administration. You may choose electives from either and will receive a bachelor of science degree upon graduation. Computer information systems majors often choose to add a minor in business administration to their degree program.

By choosing to major in computer information systems, you can develop expertise in systems analysis, software development and software engineering, web application development, networking, database development or computer security. Our department provides an emphasis on both theory and application of new computer technologies and encourages a hands-on experience, both in and out of the classroom. Computer information systems majors are also encouraged to pursue internships and may receive course credit for the successful completion of an internship.

## PROJECT-BASED LEARNING »

While the fundamentals of computer science are important in our curriculum, the practical implementation of core concepts is vital to our students' attaining a firm understanding of the practice and application of computer science.

Our courses are constructed to be strongly project-oriented. In particular, you will have the opportunity to work on a large team-based software project at the beginning of your junior year. This project is designed to model what you would encounter in a professional environment.

Our program offers a computer security course which allows you to do hands-on penetration testing and develop a professional security audit as part of a team. During your senior year, you will have the opportunity to work one-on-one with a faculty mentor to design and develop an innovative software project.

Recent projects have included the development of a mobile marketing system for smart phones, development of tablet-based software to be used as a playbook for coaching football, software for real-time avatar tracking and display using the Microsoft Kinect and a web and database application for genealogical research.

*Develop expertise in information technology, computer information systems and software engineering through our entrepreneurial-based program. Our computer information systems program is designed for students looking to develop a technical background in computer science and apply it in a business environment.*

## FACULTY »

Our experienced and successful faculty will help guide you through the journey of our computer science program.

**Joshua Eckroth**, PhD, The Ohio State University

**Hala El-Aarag**, PhD, University of Central Florida

**Basar Koc**, PhD, University of Miami

**Daniel Plante**, ME, North Carolina State University, PhD, University of Notre Dame

**Thomas Vogel**, PhD, University of Central Florida, director of mathematics and computer science



Scan to apply today!

## BEYOND THE CLASSROOM

Graduates typically either go on to enroll in an M.B.A or graduate studies program in information technology, start their own technology-based businesses or aim for technology careers that move them into management positions.

Our graduates have gone on to study at Clemson University, Georgia Institute of Technology, University of Florida, Washington University at St. Louis and many other graduate programs.

Stetson alumni from our program have earned many different job titles, including:

- systems analyst
- software developer
- software engineer
- computer and network security analyst
- web developer
- video game developer
- project manager
- chief technical officer
- chief executive officer

Alumni work at many different companies, including:

- Avectra
- Greenhouse
- Hulu
- Microsoft
- Root Metrics
- Solodev

## STETSON UNIVERSITY

Office of Admissions

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DeLand, Florida 32723

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