



# COMPUTER SCIENCE

APPLY A THEORY. MANIPULATE AN ALGORITHM. WRITE A PROGRAM. FROM ONE SINGLE IDEA, A COMPUTER SCIENTIST HAS THE ABILITY TO CHANGE THE WORLD.

Self-motivation. Creativity. The ability to see the big picture. These are traits computer scientists have in common. They also however share a passion for experimentation and hard work!

## WHAT WILL I STUDY?

Whether you choose to pursue a **B.S. or a B.A. in Computer Science**, you'll find yourself working in state-of-the-art labs while mastering programming languages like Python and Java. Once you've built a foundation, your coursework will center on creating solutions. You'll develop robotics applications, create websites, and engineer software. You'll also take courses in a specific niche preparing you for more specialized opportunities when you graduate.

## REAL-WORLD EXPERIENCE. GUARANTEED.

You'll gain resume-building experience, not to mention professional connections, when you intern with leading organizations including FedEx, Metrc, Lockheed Martin, NASA, and Publix Super Markets, Inc.

# 100%

## OF OUR MAJORS LAND JOBS

as software engineers, programmer analysts, and web developers with a wide range of organizations including Lockheed Martin and FedEx. Others pursue advanced degrees from top programs including Vanderbilt, UC Boulder, Michigan State, and UCF.



## DATA-DRIVEN LEARNING. REAL-WORLD APPLICATIONS.

Studying computer science at Florida Southern means collaborating with faculty and other students to apply in-depth theory to real-world problems. In the process, you'll gain the broad understanding and experience you need to excel in highly demanding and constantly evolving computing environments.



### EXPLORE THE POSSIBILITIES —

Autonomous technology is the future and you'll be right in the mix developing apps that allow these devices to do everything from mapping terrain to delivering pizzas.



### STAMPEDE SUPERCOMPUTING —

Learn to leverage 102,400 cores and 200 TB of RAM thanks to Stampede, one of the world's most powerful supercomputers through a National Science Foundation initiative.



**3D PRINTING** — Start with Autodesk Fusion 360 3D to create a virtual design. Then, refine your design by bringing your prototype to life!

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### CONCENTRATIONS FROM WHICH TO CHOOSE

Want to work with robots? Interested in social app development? Want to design software that can potentially save someone's life? Each of our career tracks provides breadth and depth in computer science fundamentals with a focus on practical applications.

- Artificial Intelligence and Machine Learning
- Web and Cloud Computing
- Cybersecurity