

# PARKER UNIVERSITY

## BACHELOR OF SCIENCE WITH A MAJOR IN COMPUTER INFORMATION SYSTEMS

CONCENTRATIONS IN INFORMATION TECHNOLOGY, CYBERSECURITY, OR HEALTH CARE CYBERSECURITY

Parker University is a nonprofit, regionally accredited university offering an online Bachelor of Science with a major in Computer Information Systems (BS-CIS) program that prepares students to manage and secure the workplace now and in the years ahead. Whether it's a career in storing and securing private information or providing rapid solutions to internal and external threats, graduates of Parker's BS-CIS programs stand ready to face the important challenges this fast-growing field presents.

### PARKER'S COMPUTER INFORMATION SYSTEMS PROGRAMS CONSIST OF:

- ▶ A new enrollment period each month
- ▶ Fully online classes
- ▶ A total of 120 credit hours
  - 45 credit hours of general education courses
  - 57 credit hours of major core courses
  - 18 credit hours of concentration courses

#### INFORMATION TECHNOLOGY

- ▶ Develop a broad understanding of health care information systems and strong problem-solving and analytical skills as you build your ability to think creatively and logically.
- ▶ Apply mathematical and computing concepts to support programming logic, functions, data structures, and database access.
- ▶ Analyze a problem to identify and define the computing requirements appropriate to its solution.
- ▶ Implement the design of a computer-based system, process, component, or program.

#### CYBERSECURITY or HEALTH CARE CYBERSECURITY

- ▶ Evaluate the organization's computer network and information security needs.
- ▶ Assess risk management policies to best protect a health care organization's critical information and assets.
- ▶ Troubleshoot, maintain, and measure the performance of an enterprise level information security system.
- ▶ Implement continuous network monitoring and provide real-time security solutions.
- ▶ Formulate and communicate both short- and long-term organizational cybersecurity strategies and policies.



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## WHY PARKER'S CIS PROGRAM?

- ▶ A convenient program available exclusively online
- ▶ Enrollment begins each month so you can start class when it works best for you
- ▶ A flexible schedule that allows students to manage other personal and professional commitments
- ▶ Brand new health care concentration is now available to CIS students pursuing careers in health and wellness facilities



## ACCREDITATION

### SACS Accreditation

Parker University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award a Bachelor of Science with a Major in Computer Information Systems. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404.679.4500 for questions about the accreditation of Parker University.



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## WHERE DO BS-CIS PROFESSIONALS WORK?

Behind the scenes of businesses, government agencies, and health care organizations across the world, the need for more business-oriented tech specialists has become increasingly clear.

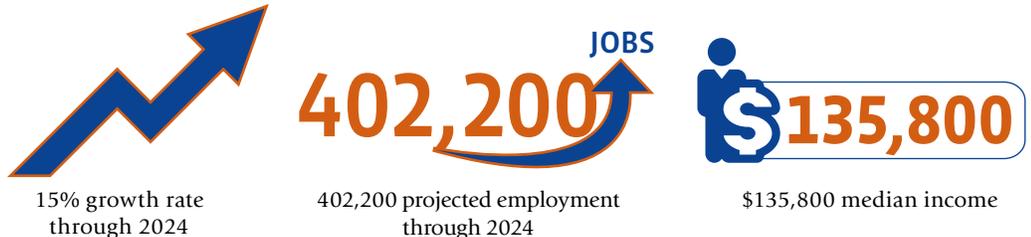
Information technology professionals work with all levels of organizations that plan, coordinate, and manage computer-related activities and initiatives. In today's market CIS makes caring for patients safer, simple, and cost effective. Cybersecurity or health care cybersecurity professionals plan and carry out security measures to protect a health care organization's computer networks and systems. Both professions' responsibilities are continually expanding as additional data and cyber-attacks increase in both the public and private sector.

### CAREER OUTLETS FOR PARKER UNIVERSITY'S BS-CIS GRADUATES INCLUDE:

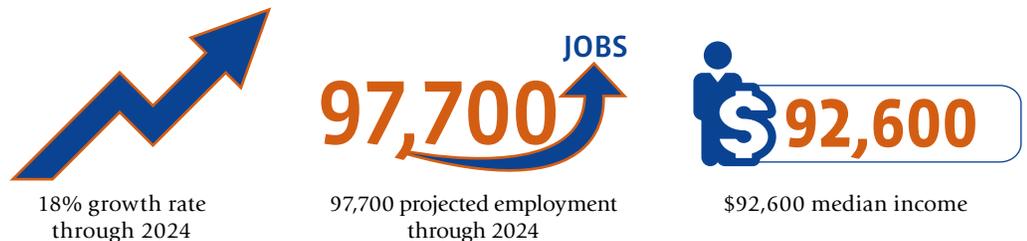
- ▶ Computer programmers
- ▶ Network security
- ▶ Hardware engineers
- ▶ Software developers
- ▶ Information security analysts
- ▶ IT managers

## WHAT IS THE CAREER OUTLOOK FOR BS-CIS PROFESSIONALS?

### EMPHASIS IN INFORMATION TECHNOLOGY<sup>1</sup>:



### EMPHASIS IN CYBERSECURITY or HEALTH CARE CYBERSECURITY<sup>2</sup>:



"My time at Parker has been such an experience. I've never been to a school before that bends over backwards to make sure you succeed. I wouldn't be here today without the awesome staff and faculty of Parker. I've had my ups and downs during my time, but my Instructors, Dr. Adebaye and Dean Roxanne Kemp were by my side the whole time. I would not have accomplished so much in so little time or followed my dreams and made them into reality had it not been for the university. Thank you Parker for making my dreams come true!"

- Michelle "Chelle" Briggs, Parker University Student

<sup>1</sup> <http://www.bls.gov/ooh/management/computer-and-information-systems-managers.htm>

<sup>2</sup> <http://www.bls.gov/ooh/computer-and-information-technology/information-security-analysts.htm>