



LA Mission College Career Center

CYBER SECURITY

MAJOR SHEETS

SKILLS

(things you will learn or use)

- Malware analysis and reversing
- Intrusion detection
- Risk analysis and mitigation
- Cloud security
- Security analysis

INTEREST

- Security
- Measure changes to security programs
- Interacting with Computers
- Cybercrime
- Criminal investigation

WHAT IS CYBER SECURITY?

A cyber security program provides a documented set of your organization's cyber security policies, procedures, guidelines, and standards. Your information security program ensures the confidentiality, integrity, and availability of your client and customer data through effective security management practices and controls. Security programs are critical to proactively protecting data while maintaining compliance with both regulatory and customer requirements.

LAMC DEGREES & CERTIFICATES OFFERED

- **Associate of Arts in Cyber Security Associate**
- **Certificate of Achievement in Cyber Security Associate**
- **Certificate of Accomplishment in Cyber Security Associate**

TRANSFER RELATED MAJORS

- **CSU Dominguez Hills:** Computer Technology, Homeland Security Track
- **San Bernardino:** Information Systems and Technology, Concentration in Cybersecurity
- **National University:** Cybersecurity



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WORK ENVIRONMENT

- Work is sedentary and requires exerting up to 10 pounds
- Much of the work is done alone
- Pressure from customers who want their computers fixed instantly
- Ability to write legibly
- Employers may require you to have a reliable vehicle or laptop

WEBSITE RESOURCES

www.lamission.edu/careercenter
<http://www.lamission.edu/Career-Center/Certificates-and-AA-Degrees.aspx>
www.assist.org
www.salary.com
<https://uncw.edu/career/whatcanidowithamajorin.html>
www.cacareerzone.org
<http://degrees.calstate.edu/>
https://admission.universityofcalifornia.edu/counselors/files/undergraduate_majors_list.pdf

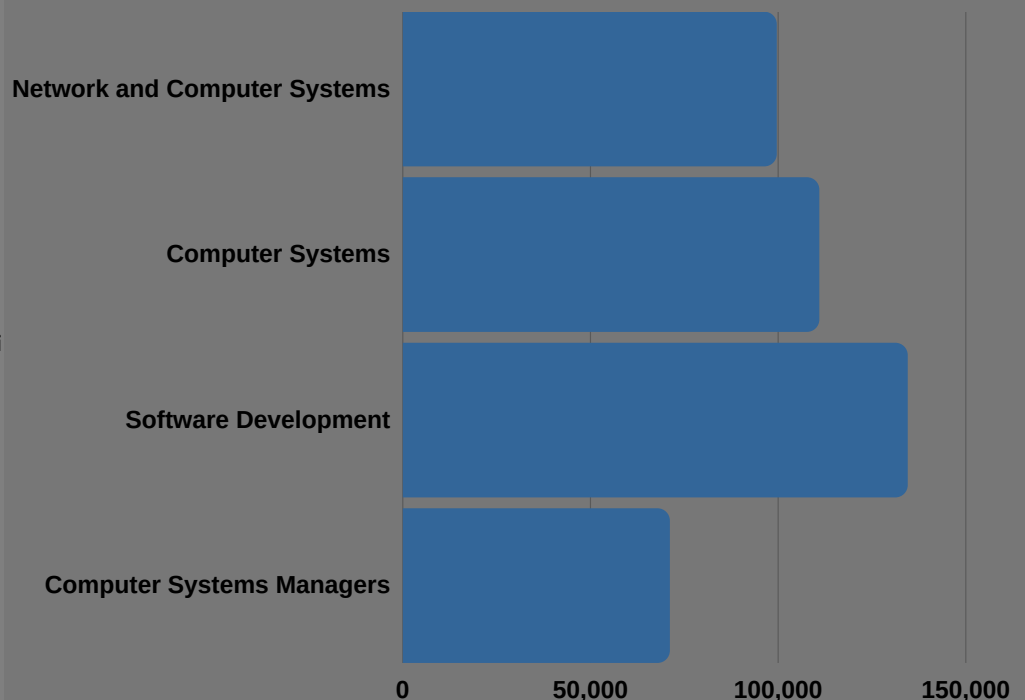
POTENTIAL JOB TITLES

- Network and Computer Systems
- Computer Systems Analysts
- Software Developers
- Computer Systems Managers
- Computer Network Support
- Information Security Analysts
- Security Management

POTENTIAL EMPLOYERS

- Colleges/Universities
- Engineer Companies
- Technician Companies
- Hospitals
- Private contractors

*EARNINGS



*Earning can vary by occupation and experience. The following are average annual wages as of 2019 in California based on California Career Zone <https://www.cacareerzone.org/>

This general information is provided by the LA Mission College Career Center. For specific information about majors and careers please email us to make an appointment at careercenter@lamission.edu