I.T. CAREER PATHWAYS

A progressive plan for upward movement through education and skill building within high wage, high demand career fields.



www.mnstateitcoe.org

CYBER SECURITY

CAREER MOVEMENT:

INFORMATION
SECURITY
ENGINEER

Qualifications:

Certifications +
Associate's Degree



Expertise:

- Security Control
- Breach Investigation
- Vulnerability Assessments
- EmergencyDocumentation
- End User Support

PEN TESTER

Qualifications:

Bachelor's Degree + 2+ Years Experience



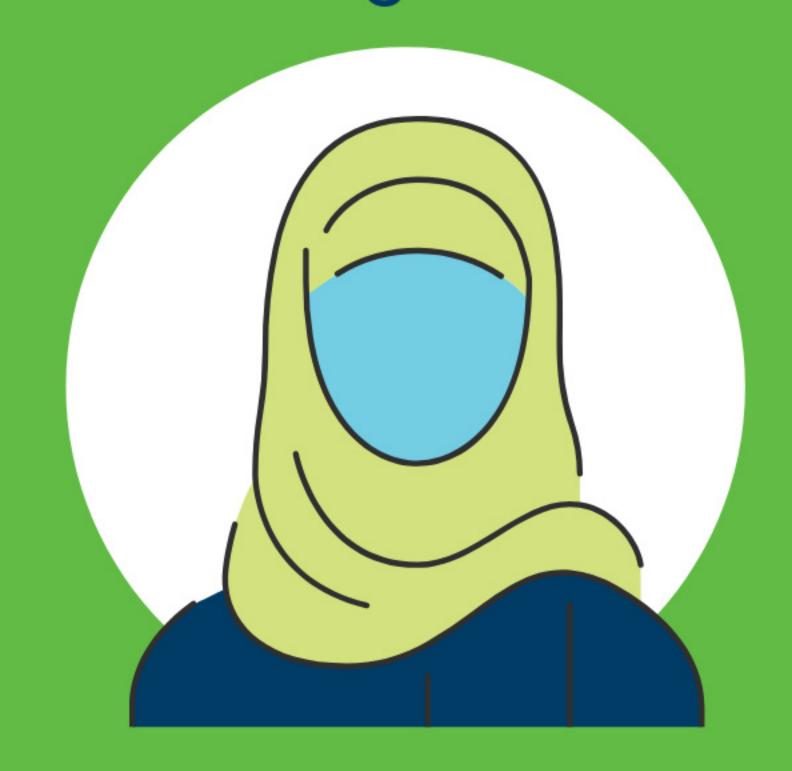
Expertise:

- Internal PenetrationTesting
- Social Engineering Testing
- •Remediation Consulting
- Perimeter & SecurityDevice Testing
- Peer Training

CHIEF INFORMATION
SECURITY OFFICER

Qualifications:

Bachelor's Degree +
Certifications
Master's Degree Preferred



Expertise:

- Strategy, Operation, &Budget Planning
- Network Activity
 Configuration & Management
- Security Trend Research
- Security Enhancements

Average Salary: \$65,244

Average Salary: \$102,709

Average Salary: \$122,751

*Salary Statistics from Indeed.com using Minnesota as search criteria