WHY UPJ CYBERSECURITY?

"Within the next 20 years, cybercrime is going to be one of the greatest challenges faced by humanity" - Forbes.com

Future Job Growth Estimate: 37% per year

The global cybersecurity market expected to growing to $270B by 2026

Prepared for Industry Certifications
- Course materials to prep for A+, Network+, and Security+

Applied Classroom Learning
- Hands-on with desired/popular software tools
- Simulated projects from real-life scenarios
- Projects from clients in the community

Faculty with Industry Experience
- IS faculty brings current field experience to the classroom

Internships/Job Shadowing
- Regional partnerships for on the job learning

OPPORTUNITY

INTERSECTION OF IN-DEMAND SKILLS

IS Development & Management
- Human Centered Design
- Rapid Prototyping
- Wireframes
- Mockups
- Requirements specification
- Analysis
- Attention to detail
- Analytical & logical thinking
- Data Modeling
- SQL

Cybersecurity Concentration
- Data Protection
- Wireframes
- Mockups
- Requirements specification
- Analysis
- Attention to detail
- Analytical & logical thinking
- Database
- SQL
- AGILE
- Project Mgmt
- Mgmt
- Scrum
- Quality Assurance

IT & Security
- Cloud
- Virtualization
- Networking
- Security Policies
- Encryption
- System Defenses
- APIs
- SQL
- Rapid Prototyping
- Wireframes
- Mockups
- Requirements specification
- Analysis
- Attention to detail
- Analytical & logical thinking
- Data Modeling
- SQL
- AGILE
- Project Mgmt
- Mgmt
- Scrum
- Quality Assurance

CAREERS

- Cybersecurity / IT Security Analyst
- IT Security Specialist
- Incident analyst / Investigator
- Penetration Tester
- Systems Administrator
- Network Administrator

Declare? Want to know more?
Prof. Stouffer (TSTOUF@Pitt.edu or 133 Biddle)
Prof. Beck (sean.beck@Pitt.edu or 132 Biddle)
MINOR in INFORMATION SYSTEMS

PITT-JOHNSTOWN
Information Systems Department

**IDEAL FOR**

Picking Specific Skills to bolster your resume
- Non-Coding Tech Skills
- Applied IT & Cybersecurity skills

Fusing the connection between Business & Technology

Attaining Skills that support the Systems Development Life Cycle

**WHO’S THE BEST FIT?**

- Those who enjoy working with Technology
- Math, Comp Science/Engineering Majors looking for complimentary Minor
- Those looking to differentiate themselves in the eyes of Employers

**FOCUS AREAS**

- Human Centered Design
- Agile Project Management
- Data Science & Analytics
- Cybersecurity
- Information Technology

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