

# Paul Kealey

## Lecturer in Management Information Systems

### Professional Summary

15 years + experience in all aspects of information technology at the University of Arizona. Extensive experience working with students from diverse backgrounds in both online and traditional teaching environments.

### Personal Info

**Email**  
kealey@email.arizona.edu

**LinkedIn**  
linkedin.com/in/paul-kealey

### Skills

Networking principles, protocols & standards

Information security & risk management techniques

Public speaking & group training

Firewall & IPS/IDS

Security incident response; preservation, containment, eradication

Vulnerability scanning & cybersecurity assessments

Virtualization and common cloud environments

Disaster recovery best practices

Cloud-based learning systems

Encryption & key management

Web application development

### Software

Kali Linux

Microsoft Project

D2L

Adobe Creative Suite

JIRA

Microsoft Office 365

NMAP

SNORT IDS/IPS

### Programming

PHP & JavaScript

Java & SQL

### Professional Experience

08/2019 -  
present

#### Lecturer in Management Information Systems

*University of Arizona Eller College of Management*

- Teaches MIS courses at both graduate and undergraduate levels with a focus on topics including risk assessment & management, networking, and databases.
- Engages in community outreach for educating K-12 and others about MIS-related topics (e.g., Cybersecurity).

2000 -  
06/2019

#### Web Developer, Senior

*University of Arizona*

- Experience in security policy development, security education, risk analysis and compliance testing
- Provided innovative, robust learning solutions that reflect the unique needs of the college, instructors, and individual learners via D2L, Panopto and AWS
- Solid understanding of NIST Cybersecurity Framework and ability to understand and interpret information security laws and regulations
- Knowledge of system management disciplines such as security architecture, disaster recovery and coordination of network intrusion response
- Experience with cloud computing technologies, infrastructures and applications
- Knowledge of the nature and sources of network security threats, methodologies/technical requirements for devising solutions and using IDS/IPS and other tools to defend against breaches
- Experience developing secure relational and/or Object-Oriented databases on both Oracle and Microsoft SQL platforms

1998 -  
2000

#### Information Technology Manager

*Muhlenberg College*

- Planned, developed and managed College Internet/Intranet sites and applications
- Evaluated and assessed implementation of the disaster recovery/business continuity plan
- Utilized software security tools to maintain user/system security as necessary
- Managed the highly successful web optimization project decreasing the site bounce rate of first time visitors and increasing interaction rate 17%
- Managed internal IT audits including: system platform audits, PCI compliance readiness reviews and IT risk assessments
- Collaborated with network engineers and system administrators to proactively assess security policy compliance and monitor risk
- Managed daily operational aspects of project implementation such as scope, budgets, timelines, resourcing, scheduling, documenting and escalating

### Education

#### University of Arizona, Eller College of Management

- Master's degree in Management Information Systems (MS MIS), 2018
- Graduate Certificate in Enterprise Information Security

#### The University of Edinburgh

Masters Degree in Law, (LL.M)

#### University of Ulster

Bachelor of Science Degree, (BS) Social Policy and Administration

### Certificates

Graduate Certificate in Enterprise Information Security, 2018 NSTITSI-4011 Information Security (INFOSEC) Professional

Committee on National Security Systems Certifications, 2017: CNSS-4012: Senior Systems Manager CNSS-4013: Risk Analyst CNSS-4016: Systems Administrator