

DAYA NAND, PH.D.

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INFORMATION SECURITY PROFESSOR

Innovative, accomplished **Information Security Lead** respected for 10+ years optimizing security teachings, research, and compliance as a cybersecurity subject matter expert. Passionate for teaching and mentoring students and be committed to student success. outstanding Professor with the potential for exceptional research, excellence in teaching, and a clear commitment to enhancing the diversity of the faculty, graduate, and undergraduate student population. Proven track record of designing and implementing Cyber Security Undergraduate level programs at multiple community colleges. Known as an assertive, collaborative Professor who cultivates high-interactive teachings. Exemplary educational qualifications include a Ph.D. in Network Security and accomplished as a Certified Ethical Hacker and Certified HIPAA Professional and Pursuing CISSP certification. Out-of-the-box thinker committed to aligning cybersecurity and IT teachings to Undergraduate and Graduate level classes and supervising them for their industry-oriented capstone projects.

CAREER HIGHLIGHTS

- Earned a Ph.D. In Cybersecurity further solidifying expertise in emerging technologies and security protocols.
- Lead and design the Bachelor of Applied Science in Cybersecurity program at Lone Star College.
- Founded a consultancy to provide cybersecurity consulting engagements for healthcare clinics.
- Led and monitored the training, application, implementation, and compliance of HIPAA in complex healthcare environments and integrated HIPAA with other regulatory and policy requirements.
- Established and drove one of the largest Student internship Programs in India based in the healthcare sector with over 300 international students annually from all over the world.

SKILLS & EXPERTISE

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| ▪ Cybersecurity courses Teaching | ▪ IT courses teaching | ▪ Cyber Security awareness outreach |
| ▪ Cyber Security Research | ▪ Publications | ▪ Certified in Online Teaching and Learning |
| ▪ Risk Management & Assessment | ▪ Applied Cyber Security | ▪ Student Oriented |
| ▪ HIPAA Compliance | ▪ Advisory Committee Development | ▪ Cyber Security Operations |
| | | ▪ Students Internship and Jobs |

PROFESSIONAL EXPERIENCE

TEXAS A&M UNIVERSITY | KILLEN, TX | 2022 TO PRESENT

ADJUNCT FACULTY- *Computer Information Systems*

- Teach IT and Cyber security courses

LONE STAR COLLEGE | HOUSTON, TX | 2019 TO PRESENT

Program Chair and Lead Faculty

Lead and design the Bachelor of Applied Science in Cybersecurity program as a Subject Matter Expert in enterprise IT governance .

- Researched and coordinated the creation of the virtual lab by purchasing and installing the required security tools, including NISSUS, Burpsuite, Encase and Shodan.
- Built and managed a team of expert full-time and adjunct professors to improve student performance and retention.
- Fostered lasting community relations to enhance the College's reputation by creating an advisory committee consisting of Local entrepreneurs and companies' personnel and coordinating with the local FBI for cybersecurity awareness sessions in the community.
- Devised a set of educational standards while supervising and coordinating Student Advising and Admissions.

- Generated increased interest in the Cybersecurity program by partnering with the Marketing team and local media, resulting in enrolling and teaching 171 Students in the program within a year of implementation.
- Established a security Club for security Students, “ Ethical Hackers Club”
- Established Mentor/Mentee partnership program with ISSA (Information System Security Association- <https://www.issa.org>)

University Of Houston |Victoria (Campus)|Fall 2021 to 2022

Adjunct Professor

Teach Network Management courses to Katy and Victoria Campus.

ODESSA COLLEGE | ODESSA, TX | 2015 TO 2019

Professor, Program Management

Developed and facilitated Cybersecurity classes for the Law Enforcement department, including conducting a cybersecurity awareness session with the local FBI team and a seminar on HIPAA for Texas Tech-based physicians.

- Coordinated with CISCO to spearhead the development and implementation of a networking lab for the College.
- Ensured high-quality staff by recruiting, selecting, orienting, and training employees.
- Improved cybersecurity practices by partnering with the IT department to develop security policies for the College.
- Taught Undergraduate level IT courses

ADVANCED E-SOLUTIONS PVT LTD | MIDLAND & ODESSA, TX | 2007 TO 2010; 2018 TO PRESENT

HIPAA Security Consultant | 2018 to Present

Founded a consultancy to provide cybersecurity consulting engagements for healthcare clinics.

- Conducted security risk assessments and built scalable, repeatable, and transferrable security and compliance management processes to the clinic's long-term goals.
- Led and monitored the training, application, implementation, and compliance of HIPAA in complex healthcare environments and integrated HIPAA with other regulatory and policy requirements.
- Secured an increase in clientele as a subject matter expert on information security, HIPAA security, risk, and compliance to develop information security policies, standards, and guidelines.

GAP MEDICS | INDIA & UK | 2010 TO 2013

Program Manager

Established and drove one of the largest Student internship Programs in India based on the healthcare sector with over 300 international students annually from all over the world.

- Devised and implemented programs of continuous improvement and guided complex management initiatives.
- Advanced the organization's efficiency and security by introducing modern toolsets and capabilities.
- Provided a realistic overview of risks and threats in the healthcare environment while managing the process of gathering, analyzing, and assessing the current and future threat landscape.
- Ensured interns' successful program completion by providing safe accommodation, internships with hospitals, and visas while coordinating with local authorities.

EDUCATION

Jodhpur National University, India: 2014

PhD in Network Security

University of East London, England-2006

Master of Science in Cybersecurity

Certifications or Additional Education:

Certified Ethical Hacker / Certified HIPAA Professional / Incident Response Handler, CISSP (pursuing)

ADDITIONAL CREDENTIALS**TECHNICAL SKILLS**

Microsoft Office (Word, Excel, PowerPoint, Outlook) , CEH, CHP2

RESEARCH/PUBLICATION/MEDIA EXPOSURE

1. 1-A paper published in an International Research Journal (Journal of Computer and Mathematical Sciences) volume-2, Issue-1 ; 28th Feb, 2011, ISSN 0976-5727
2. Topic: "Network Security Challenges and Cryptography in Network Security, Page-25-30
3. Seminar presented in UGC National Conference on Bioinformatics and Computational Technologies(BioCT09) at Department of Computer Science & Engineering (21-22 March 2009).
4. Topic: "Spam Detection using an Artificial Immune System
5. Seminar and paper presented in National conference on Innovative Development in next Decade:Challenges, Issues and Solutions (11-12 Feb, 2011)
6. News session on "Cyber Knowledge awaits"
(<https://www.oklahoman.com/article/feed/1035570/cyber-knowledge-awaits>) -2016
7. 5-Topic: Advantages and Challenges of Network based Intrusion detection system (IDS), Sr-43, page-254-260
8. Presentation on," Ransomware in Healthcare sector" at Texas Tech University, Permian Basin (2018)
9. 6-Presentation on, "Technology, Privacy and Vigilance "at University of Texas, Permian Basin (2018)
10. 7-Presentation on, " Cyber security Awareness in higher education " conducted with FBI El Paso at Odessa College (2018)
11. 8-Media session (<https://www.oaoa.com/local-news/stay-aware-of-privacy-settings-on-social-media/>) on Stay aware of privacy setting on social media – 2018
12. TV Session on Cyber Monday Tricks and Techniques (<https://www.yourbasin.com/news/cyber-monday-tips-and-tricks-to-use-year-round/>) 2018
13. TV session on ," Facebook and app pairing-Privacy issues"
<https://www.yourbasin.com/news/facebook-and-app-pairing-could-be-compromising-your-privacy/1070925882/> in 2018
14. Presentation on ," Cyber Security Bullying Prevention" at iSchool high at Woodlands at LSC Montgomery in 2020