

## **EDUCATION**

**M.Sc. Computer Information Systems, University Of Houston-Victoria**

**B.Sc. Management Information Systems, University Of Houston-Clear Lake**

## **Industry Certifications & Training**

**Microsoft Certified Professional**

**CompTIA A+, Linux+, Security+**

**LPIC-1**

**Nutanix Platform Professional**

**IBM Blockchain Essentials**

**Qualys Certified Specialist**

## **Advance Computer Security Certificate at Stanford University**

XACS101-036 Software Security Foundations

XACS130 Using Cryptography Correctly

XACS131-036 Writing Secure Code

XACS133-014 Exploiting and Protecting Web Applications

XACS255-006 Network Security

XACS302-001 Cyber Security and Executive Strategy

## **Summary**

- 17 Years of combined Server and network administration for both Windows and Linux based servers. Installation, configuration, troubleshooting of lamp stacks, hypervisors- VMware/citrix/Nutanix, cisco catalyst switches, Software and hardware firewalls, Dell PowerEdge/HP servers.
- 15 Years of Combined web experience: HTML, Xhtml, php, Perl/python, cPanel, Plesk control panel. MySQL, phpMyAdmin, centos webmin.
- 6+ Years Leadership Experience as Director and PI on State Grants, managing of faculty/staff hiring, training and evaluating.
- 9+ Years Combined project management Experience on state awarded funding and compliance.

## **PROFESSIONAL EXPERIENCE**

04/2018-Present **Houston Community College**, Houston Texas

**Title:** Dean, Center of Excellence Digital & Information Technology

- Provide Executive leadership in the development, revision, and interpretation of curriculum, programs within the area of Computer Science, Cyber Security, Programming, GIS and Gaming, Coding and Design School. The department consist of 6,000+ Part time and fulltime students enrolled per academic year.
- Establishes and maintains relationships with school district officials, community leaders, various organizations, and public agencies to encourage participation with Institution
- Manage 33 Full time faculty, 110 Part Time Faculty, and 9 Staff. Budget Authority over 7.2 million per fiscal year
- **Accomplishments:** Increased Enrollment fiscal year 2018/19 by 18.2%. Distance Education by 20.87%. Principal Investigator: Brought in over 1.5 Million in State Grant Funding for various projects fiscal year 17/18/19.



CAE-CDE 2Y - National Centers of Academic Excellence in Cyber Defense 2-Year Education

- Built 3 Innovation Labs Across District for Computer Science and Cyber security Students. Lab provides isolated network that allows for Course topics in: Intrusion Detection, Server Hardening, LAMP Stacks, Hyper Convergence Technology and Clustering
- Spearhead HCC Cyber Range – Virtual Environment designed for training cyberwarfare training
- Provide Board Presentations, Community information sessions over programs we offer.

8/2009-04/2018 **Houston Community College**, Houston Texas

**Title: Faculty, Cybersecurity/Computer Science**

- **Courses Taught:** RedHat Linux Administration 1,2,3, Virtualization, Security+, Intrusion Detection, Operating System Security, Firewalls & Network Security, Network+, Cisco Exploration, Cisco IOT, Microsoft Server Administration MCSA, Network Troubleshooting, C++, Web Development, Shell Programming
- **Lab Administration:** Administrate NDG Net Labs Servers, VMware Esxi Hypervisor, Lamp Stack, Windows Server 2016 Hyper V, EVE OVA, Microsoft Azure Cloud, Students VPS
- **Lab Security:** Work with HCC District Security Team to conduct vulnerability scanning on Computer Science Servers using Qualys
- CAE Designee Team – assisted with establishing HCC “Cyber Center” and developing intent for Center of Academic Excellence under the authority of the National Security Agency. Designation for CAE Valid till 2020
- iCDS leadership team – assisted with the development of HCC IOS Coding and Design School and implementation of Apple Swift Curriculum in Workforce and Continue Education department.
- 67+ Supplemental Course videos via youtube (mrseanotmishi)

2013 – 2018 **University of Houston – Victoria**, Victoria Texas

**Title: Adjunct Lecturer, School of Arts & Science Undergraduate & Graduate CIS Program**

- Courses Taught: **Graduate Courses:** Information Systems Security, Network Design & Management. **Undergraduate Courses:** Network & Telecom, Object Oriented Program and Design – Java, Operating Systems

1/2009-7/2009 **The Planet (HQ)**, Houston Texas

**Title: Technical Support Specialist**

- **Overview:** Resolve and troubleshoot Windows/Redhat/Esxi Servers. Configure/Troubleshoot LAMP (Linux, Apache, Mysql/Perl/PHP/Python) Resolve and troubleshoot Web Control Panels (cPanel,Plesk,Enism,Helm)
- Interact with customers to resolve server-based issues within Windows/Linux based environment.
- Vendor Escalations and SLAs - Correlating with vendors to solve customers’ issues as well as following internal escalation procedures and service level agreements for customers.

**5/2004-1/20114 We Reallyknow IT, Houston Texas**

**Title: IT Principal/Consultant**

- **Overview:** We Really Know IT Provides Small Business Managed IT Solutions, Security, Cloud Services and Web Development
- System Administration: Windows Server 2012, Lamp Stack, Server Hardening,
- Web Development with Lamp Stack using Opensource php based CMS
- Custom plugins, filters, SEO with Social Media Integration and E-Commerce
- Digitize Small Business

**6/2005-5/2006 Life Chek Pharmacy, Rosenberg, Texas**

**Title: Senior Systems Analyst**

- **Overview:** Evaluate, architect, and lead implementation of security technologies within the corporate environment
- Developed PHP Based Ticket Support System for the Information Technology Department. The System Provide: Organization, Priority Support, and User Friendly GUI
- Analyze industry security news and present high risk and critical issues to the Director of Information Technology with appropriate mitigating controls
- Manage the installation, maintenance, and performance of Microsoft Windows 2003 Advanced Server with Active Directory, Microsoft Exchange 5.5 and 2000, NT 4.0 Server, and SQL Server
- Maintain Pharmacy Servers using Unix (PBX Systems)
- Perform Server backups and restoration on UNIX Systems
- Build, Install, upgrade, and troubleshoot 300 computers and 4 servers including POS Machines.
- Provide technical support to all users on all Microsoft software packages.
- Installed and supported Web servers as needed for production and development activities

**8/02-9/2003 Stafford Municipal School District, Stafford, Texas**

**Title: Network Administrator/ Senior Technician**

- Manage the installation, maintenance, and performance of Microsoft Windows 2000 Advanced Server with Active Directory, Microsoft Exchange 5.5 and 2000, NT 4.0 Server, and SQL Server
- Analyze third party software and hardware products for compatibility.
- Install, upgrade, and troubleshoot 5,000 district computers, 14 servers, and education software.
- Maintain and troubleshoot all Cisco switches and routers for local area network.
- Provide technical support to all users on all Microsoft software packages.
- Coordinate special technology projects for future implementation. : Cisco VOIP phone system within school district.
- Maintain PBX phone system across NEC software.
- Perform server backups and restoration on 14 district servers.
- Update and maintain district website.
- Interact with vendors that proved technical support services in terms of hardware and software.

## **TECHNICAL SKILLS**

**Programming:** Assembly, C, C++, Java, python, Swift

**Hardware:** Dell Power Edge Servers/HP/Nutanix NX 1065, Cisco Catalyst XL Switches, SonicWALL Firewalls, cisco voip,

**Security/Net:** Hak5 Equipment: Pineapple, lan turtle, bash bunny, rubber ducky, encase, FTK, Wireshark

**Software:** Adobe Master Collection, 3d studio, Maya, Zbrush Oracle 11g SQL Plus, JCreator, Netbeans, MASM, Visual Studio, Visible Analyst, Smart FTP, putty,

**O/S** Windows Server 2008/12/16 Linux: Redhat/Ubuntu/Fedora Core, Centos, Backtrack, Kali, Vyatta, Freenas

**Tools:** Hiren's, Knoppix, John The Ripper

**Storage:** NAS, Synology, Qnap, Dell EMC

**Simulation:** Cisco Packet Tracer, GNS3, EVE