Work Experience

DePaul University, Information Services, Chicago, IL

Director, Enterprise Architecture, January 2023 – Present
- Serve as the chief technologist for the Information Services department, maintaining a comprehensive view of DePaul's technology investments and aligning them with university strategy
- Lead a team of architects conducting medium- and long-term technology planning efforts for Information Services and championing new technologies, working with other senior leadership to align resources
- Reduce risk and mitigate "technical debt" across DePaul's technology portfolio, focusing particularly on infrastructure modernization and identity-based security in DePaul's SaaS portfolio

Infrastructure Technical Architect, May 2018 – January 2023
- Provide technical leadership and strategic direction for initiatives across the Infrastructure division, consisting of multiple teams managing technical domains such as server and client operating systems, enterprise applications, identity management, compute, storage, and networking
- Increased focus on strategy and planning versus direct technical action led to initiation of an IAM (identity and access management) program for the first time in organizational history
- Create, implement, and maintain enterprise technology standards and best practices, and act as a principal engineer, advisor, mentor, and thought leader for the Infrastructure division

Operations Architect, October 2015 – May 2018
- Led architecture and design of all Infrastructure Operations projects as well as new services and upgrades offered by the group for both AD/Exchange and Desktop Management focus areas and technologies
- Focused on identity management and developed in-house tooling, including framework that synchronizes data between Active Directory, Oracle PeopleSoft Campus Solutions and HR databases, and other sources
- Provided technical leadership in the Operations team and mentored junior staff members

Sr. Systems Engineer (AD/Exchange), October 2013 – October 2015
- Served as principal engineer on team responsible for several University-wide services, including 200,000-user Active Directory Domain Services (AD DS) deployment and 10,000-mailbox Exchange Server environment
- Introduced hybrid identity with Azure AD by implementing Azure AD Sync (later AAD Connect) and AD Federation Services, which grew into DePaul's first enterprise SSO program
- Raised profile of identity security with overhaul of AD DS infrastructure; implemented principle of least privilege with precise delegation structure and added monitoring and alerting for modification of sensitive objects

Sr. Systems Administrator (Desktop Management), November 2011 – October 2013
- Managed engineering for approximately 7,500 Windows and macOS endpoint devices, including image creation, application packaging, and OS patching
- Completed migration from Windows XP to Windows 7 in complex, heterogeneous lab and classroom academic computing environment
- Designed and deployed campus-wide System Center Configuration Manager 2012 environment and retired multiple legacy Symantec/Altiris endpoint management systems

DePaul University, College of CDM, Chicago, IL

Sr. Student Technician, Technical Support, February 2007 – November 2011
- Installed and maintained faculty, staff, and computer lab machines and printers along with lab-related Windows and Linux servers, including file and print services
- Introduced hardware-independent imaging to the College via design and implementation of Windows and macOS deployment processes and solutions, making use of technologies including Sysprep, Altiris Deployment Solution, and DeployStudio
- Development and maintenance of Group Policy and Windows Firewall policy for academic environments

Goldman, Sachs, & Co., Chicago, IL
Summer Technology Intern, June – August 2008
- Created or revised several in-house, database-driven applications with various front-ends, including ASP and Microsoft Access
- Worked with various business units to confirm and revise business continuity and disaster recovery plans, including confirmation of key personnel and applications/IT services

Education
DePaul University, College of Computing and Digital Media, Chicago, IL
- Bachelor of Science, Information Technology, June 2010, *magna cum laude*
  - Coursework including Applied Networks and Security, Host and Information Security, Database Programming, Software Project Management, Network Protocols, Internet Application Development, and Large Systems Implementation
- Master of Science, Information Systems, November 2014
  - Enterprise Systems Integration focus, with coursework across systems, security, IT leadership, and project management domains
  - Thesis (capstone): "Digital Distribution," an in-depth study of how Internet companies implement e-business strategies via direct delivery/app store models