DOUG WITTEN

ADDRESS: 6247 King Arthur Drive, Swartz Creek, Michigan 48473 MOBILE: 810.569.0206 EMAIL: wittenCyber@gmail.com

QUALIFICATIONS PROFILE

Analytical, performance-driven, and goal-oriented professional with extensive experience within the information technology industry, encompassing project planning and coordination, as well as change management. Armed with proven record of expertise in overseeing and accomplishing projects without compromising results. Effective at teaching IT-related courses; fulfilling multiple roles to support organizational objectives; and thriving within fast-paced environments.

AREAS OF EXPERTISE

System Management | Application Engineering | Virtual Environment specialist
Certified Ethical Hacker | Penetration Testing | Network Design & Architecture
UNIX Shell programming | Web Server Administration | PowerShell & Python programming
Leadership | Team Building | Project Management | Detail Orientated

EDUCATION AND CREDENTIALS

STUDENT IN DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE AND INFORMATICS
Oakland University, Rochester Hills, MI (2014- 2017 Did not graduate)

MASTER OF SCIENCE IN COMPUTER SCIENCE
University of Michigan, Flint, MI

BACHELOR OF BUSINESS ADMINISTRATION IN COMPUTER INFORMATION SYSTEMS
Baker College, Flint, MI | *Honor Graduate Award*

ASSOCIATE OF BUSINESS ADMINISTRATION IN COMPUTER INFORMATION SYSTEMS
Baker College, Flint, MI

Certifications:
Certified Information System Security Professional (CISSP – May 2020)
Certified Ethical Hacker (C|EH)
HP Advance IT Certification
HP Certified UNIX System Administrator

Training:

State of Michigan
- UNIX Server (Solaris, HP, Redhat)
- Websphere Application Server
- Rhapsody Application Server
- UNIX High-availability Servers
- Microsoft Windows 2003, 2008, 2012
- ITIL Training, Agile Training, Suite Training

EDS
- UNIX Shell Programming, UNIX Server (Solaris, HP, Red Hat)
- C Programming, UNIX high-availability Servers

Baker College
- Professional Development – Leadership Training
- Project Management

TEACHING EXPERIENCE

Baker College – Flint, Owosso & Online
Adjunct Professor, Department of Information Technology   2008–current
- Functioned as cyber defense team advisor, responsible for coordinating and facilitating 4 of the last 5 State of Michigan Collegiate Cyber Defense Championships (CCDC)
- Advisor for the National Cyber League (NCL)
- Instructed students on the following:
  - Unix Shell Scripting; Perl Programming; PowerShell Programming
  - Ethical Hacking and Network Counter Defense; Tactical Network Perimeter Defense; Malware and Reverse Engineering; Digital Forensics; Internet and Web Security
  - Networking Essentials I and II; Information Systems Threat Assessment; Scripting for Network Administrators;
  - System Development methods; Computer Architecture; Database Management using MySQL and MS-SQL;
  - Windows Server Administration (2003, 08, 12 & 16); Implementing and Maintaining MS-SQL Server; Active Directory servers
  - C Programming; Intro to Programming; Assembly Language

OAKLAND UNIVERSITY, ROCHESTER HILLS, MI
Adjunct Instructor, Department of Computer Science and Engineering   2014–2018
- Taught various subjects, including Unix and C Programming, as well as UNIX Operating Systems

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UNIVERSITY OF MICHIGAN, FLINT, MI
Adjunct Professor, Department of Computer Science, Engineering and Physics   2012–2015
- Hardware and Software Technology; Telecommunications and Computer Networks;
- CSC–335 Computer Networks I; and CSC-365 Computer Architecture

UNIVERSITY OF MICHIGAN, FLINT, MI
Graduate Research Assistant   2007 | 2008
- Handwriting Recognition Software Project (with Dr. Farmer);
- Network Testbed Analysis (with Dr. Uladag); and
- Splitting Server Functionality for Preventing SQL Injection Attacks (Final Master's Project)

PROFESSIONAL EXPERIENCE

BAKER COLLEGE–FLINT, FLINT, MI
Program Director & Department Chair- Cyber Defense & Computer Science   2015–Present
- Spearheaded accreditation effort for the Center of Academic Excellence (CAE) for The Department of Homeland Security and the National Security Agency (NSA)
- Manage over 90 full-time and adjunct instructors
- Teaching course load of 30 credits per / year (Unix I, II & III – Shell & PowerShell programming & Ethical Hacking)
- Lead advisor for the State of Michigan Cyber Defense Championship Teams in 2016-18, 2020
- Develop new courses (Malware & Reverse Engineering, Ethical Hacking I & II, Network Intrusion)
- Mentor students with college and life issues
- Serves on College's Cyber Security State board and Application Deployment teams
- Maintain budget fiscal responsibility
- Attract and recruit new faculty along with new students
- Technology advisor for ABC-12 news in Flint

STATE OF MICHIGAN, LANSING, MI
Information Technology Architect   2002–2015
- Managed the organization's Health Information Exchange (MDCH Data Hub)
- Oversaw the state master person index (MPI) project as lead technical architect, responsible for the operational success of PHI information incoming from hospital/doctor offices and dispersing to various backend systems
- Performed application and systems administration functions for the eGrants web application system, as well as for the eMichigan development and staging environment
- Supported the .NET environment as application administration lead
- Served as technical lead for various projects, namely:
  o MiCAM Project (State-wide Single Sign On solution);
  o EMBRS (Electronic Medical Records) Project;
  o http://www.michigan.gov (State of Michigan Web Portal;
  o Michigan Business OneStop Application (http://www.michigan.gov/business);
  o eMichigan Intranet Project (State of Michigan's intranet infrastructure);
  o eRecruiting Web Application Project; and
  o Implementation of new knowledge-based application for the Human Resource Management optimization project

Earlier Positions Held:
ELECTRONIC DATA SYSTEMS (EDS), *VARIOUS LOCATIONS*
Project Lead, UNIX Server Team, Flint, MI
Consistent Engineering Environment (CEE) Site Manager | UNIX System Administrator, Troy, MI
Application Engineer – Delco Electronics, Flint, MI
UNIX System Administrator – Delco Electronics, Flint, MI

PROFESSIONAL AFFILIATIONS

Board Director - Collegiate Cyber Defense Network of Michigan (CCDN)
National Cyber League – Coach
Certified Ethical Hacking Communities
MiSec – Security Framework solutions
Institute of Electrical and Electronics Engineers (IEEE)

ACTIVITIES

Deacon in Church
Habitat for Humanity
Junior Achievement

TECHNICAL ACUMEN

Penetration Testing | WebSphere | Oracle | MS SQL | Cisco | Palo Alto Routers | Apache | IIS | TomCat
C | C++ | C# | Python | Perl | UNIX Shell/Scripting | Solaris | AIX | HP | Linux (RedHat, Centos, Ubuntu)
Agile and Scrum Methodologies | ITIL | Windows Server (2003, 2008, 2012, and 2016) | NIS-DNS-NFS

REFERENCES

Available on request