

## EDUCATION

- Illinois Institute of Technology – Masters in Information Technology and Management  
Completed – Finished degree on May 16, 2020  
4.0 GPA  
Recognized as the Outstanding Student in the Infrastructure concentration
- University of Nebraska Lincoln – graduate coursework in Computer Science and Education  
Aug 2016- Dec 2017
- Cameron University – Bachelors of Science with major in Computer Science and minor in Mathematics  
Completed – Finished degree in Dec 2015 (Stayed for research till May 2016)
- Cameron University – Associates of Applied Science in Information Technology  
Completed – Finished degree in Dec 2015
- Cameron University – Associate of Science in Business  
Completed – Finished degree in May 2015
- Duncan High School – High School Diploma  
Graduated Diploma of Distinction and Oklahoma Academic Scholar  
Completed – Graduated May 20, 2010

## CERTIFICATIONS

- CompTIA Server+ completed August 2019
- EMC Academic Associate, Information Storage and Management Completed May 2019

## WORK EXPERIENCE

- Data Center Technician (September 2020 - present)
  - Worked for Liquid Web - Nexcess in Michigan
  - Rack and Stack Dell PowerEdge servers
  - Installed and configured CentOS 6 and 7
  - Experienced in using ansible to configure a server cluster
  - Used Nocworx and NetBox as Data Center Inventory system
  - Experienced working with remote Data Centers and remote hands
  - Experienced performing audits on SSDs and optics
  - Ran multimode fiber optic 10GbE fibers, ran 1GbE Cat 5e cables
  - Experienced working on hardware changes (RAM upgrades, bare metal restores using acronis)
- Help Desk Agent (February 2018 – March 2018)
  - Some part time some full time
  - Worked for Apex Computer Systems as a contractor on the Dell/Boeing account working in the Boeing Enterprise Help Desk
  - Used HP Service Manager as a ticketing system
  - Took phone calls from Boeing employees
  - Calls ranged from troubleshooting CAD/CAM software to troubleshooting Internet Explorer to Windows troubleshooting to some Unix system troubleshooting
  - Took care of escalations of tickets where needed

- Experience making judgment calls on when reinstallation of software was needed and when it could just be fixed some experience with doing Windows upgrades (7 to 10)
- Graduate Teaching Assistant (August 2016 – December 2017)
  - 20 hours per week for 3 semesters at University of Nebraska
  - Grading student assignments
  - Answering student question during office hours held in the student resource center on campus approximately 3 hours per week for 3 semesters
  - Ran minimum of two sections of introductory computer science lab sections each week as sole instructor in charge
  - Ran lab on introductory web site design
  - Designed homework assignments for introductory Computer Science
- Disinfected computer systems of malware for small business, family, and friends of family for profit
- Troubleshooted computer systems for friends of family and family for profit
- Build numerous custom computer systems for profit

## **GRADES**

- Illinois Institute of Technology GPA: 4.0
- Cameron University GPA: 3.675
- Cameron University Computer Science only GPA: 3.845
- Duncan High School GPA: weighted - 4.25 Unweighted – 3.91

## **HONORS AND AWARDS**

- Recognized as Outstanding Student in my major and concentration for the 2020 graduating class at Illinois Institute of Technology
- Cameron University President's Honor Roll for Fall 2010, Spring 2014, and Spring 2015
- Cameron University Dean's Honor Roll for Spring 2011, Fall 2011, Spring 2012, Fall 2012, Spring 2013, and Fall 2013
- Who's Who Among Students in American Universities and Colleges for year 2013
- Phi Kappa Phi interdisciplinary honor society inducted in 2013
- Pi Mu Epsilon mathematics honor society inducted in 2012
- Halliburton Foundation Scholarship winner 2010-2014
- Cameron University Academic Excellence Scholarship winner 2010-2014
- Cameron University Presidential Partners Sophomore Scholarship winner 2010
- Chosen for team to represent department of computing and technology in Fall 2013 Ethics Bowl competition that was university wide
- Graduated High School with Diploma of Distinction and Oklahoma Academic Scholar

## **ACADEMIC EXPERIENCE**

### Data Center Management and Design

- Taken graduate level course work in data center architecture
- Understand technologies such as racking and stacking servers and networking devices, PDUs, and redundant power

## System Administration

- Trained in administration of enterprise grade networking equipment to include CISCO routers and switches
- Proficient in using a command line interface computing environment such as Bash shell in Linux
- Trained in system administration including exposure to active directory set up and hands on learning of operating system installation of Windows, Windows Server, both Debian based Linux and RPM based Linux, and Solaris UNIX and the \*BSDs.
- Taken course work in both Linux and Windows Server system administration at graduate level
- Extensive academic experience with CentOS 6 and 7 and Windows Server 2012

## Programming Languages

- Trained extensively in C/C++ console application development
- Trained extensively in Python application development to include use of the Data Science packages numpy, matplotlib, Pandas, and the TKinter graphics software.
- Trained extensively in Bash shell scripting, Perl scripting, and Windows Power Shell scripting
- Trained extensively in Objective C as related to development of applications build for ios 6
- Trained in the basics of Python, Ada, PHP, Haskell, and Java Script

## Business

- Acquired management training in Principles of Management, Introduction to Business, Business Capstone, most recently took a graduate level course in management as part of my masters degree
- Contributed to the success of projects in Principles of Management and Introduction to Business
- Trained in Microsoft Office: Word, Excel, PowerPoint, and Access

## Databases

- Led diverse five person team in development of a MySQL based back end database that interfaced with a Microsoft Access front end. project was presented to Cameron University Office of Career Services for modification and future use as an internship tracking solution and received commendation from client
- Designed data center layouts and flow charts in Microsoft Visio
- Developed database projects in Microsoft Access

## Operating Systems Programming

- Possess theoretical knowledge of how an operating system works to include: CPU scheduling, basic memory management, and parallel programming
- Gained experience working with pipes for use in interprocess communications (IPC) between processes on the same device
- Trained in use of pthreads and the basics of spin locks for parallel programming

## Software Engineering

- Expedited work on Computer Science portion of integrated Department of Computing and Technology capstone course
- Assisted leader and co-leader in distributing assignments, managing team member progress, printing and binding source code documents

- Project was submitted to the City of Lawton for use as a platform to manage work orders various areas of city government and received commendation from city
- Led four person diverse team in Software Engineering I in development of an objective C based game for ios devices
- Led pair programming team in Software Engineering II in developing an objective C based shopping application for video games
- Trained in use of Xcode integrated development environment
- Proficient in command line interface application development including use of the nano text editor and GCC compiler

#### Web Development

- Developed simple websites using hard coded HTML
- Developed CSS style sheets for basic web pages
- Developed server side PHP scripts and client side JavaScript

#### Artificial Intelligence

- Persuaded Computing and Technology professor to offer Artificial Intelligence independent study, an advanced class not offered normally
- Worked alone using a graduate level textbook and earned an A