

EDUCATION

MS in Cyber Security 2017 - 2019

Southern Utah University

BS in Information Systems 2014 - 2018

Southern Utah University

Minor: **Computer Science**
Management

AA in Culinary Arts 2002 - 2004

Western Culinary Institute

EXPERIENCES

Tutor (Peer | Private) 2012 - 2017

Southern Utah University | Cedar City, UT

Computer Organization and Architecture

Assisted students develop an understanding of the interface between computer software and hardware by using the appropriate level of communication. Topics include processor architecture, computer arithmetic, instruction set architecture, and assembly language.

Programming Languages

Used skills developed through personal research, to teach students several different programming languages. Lessened fear and anxiety towards programming by helping students set, navigate, and accomplish milestones.

Operations Manager 2014 - 2018

Two Tycoons LLC | Cedar City, UT

Dedicated to the challenge of streamlining production along with maintaining an efficient, cost effective operation. Honed in business objectives by implementing monitoring devices and software for remote management.

Account Manager 2008 - 2014

TruCo Enterprises | Salt Lake City, UT

Successfully managed over a quarter million dollars in profitable accounts, developed and implemented programs to aid in relations between clients and business. Maintained relationships with clients that fostered additional business opportunities along with life long friendship.

Sous Chef 2004 - 2008

Chef's Table | Orem, UT

Maintained the highest standards of fine dining by creating exquisite sustenance in the form of edibles. Designed and implemented a budget, menu, and staffing for what became, a key element of the restaurant, called *Saturday Brunch at The Table*.

PROJECTS

Cyber Defense Competitions Club

 Assisted as a club officer for 3 years

 1 of 50 teams invited to compete at Build the Shield



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CAREER PROFILE: Natural leader who is capable of problem solving efficiently and effectively. Possessing the ability to organize, plan, analyze, and implement in a strategically engaging manner. Ability to adapt quickly to changing environments.

SKILLS & PROFICIENCY

Java

Advanced

C & C++

Advanced

Python

Intermediate

Bash

Advanced

Powershell

Intermediate

MySQL

Advanced

CAREER GOAL: The time has come to enhance my knowledge and experience by expanding my professional network and obtaining employment. By learning something new each and every day, having a hunger for wisdom, and a desire to seek, I am teachable.

Kali

NIST

System Analysis

Social Engineering

Palo Alto

Project Management

Hacker

BRO

SANS

(Microsoft)

- ↑ Top 3 at NICCDC (NIATEC) 2017
- 🏆 Competed at RMCCDC 2016, 2017, 2018
- 🏆 Led team to placing 3rd overall at RMCCDC 2018

SheTech

- Presented Workshop *Cybersecurity: Silicon Slopes Here We Come!* at SheTech 2018 under Dr. Shalini Kesar at Southern Utah University. Engaged girls on topics including passwords, email accounts, phishing, and social media safe practices
- Teamed up in 2017 with *Dell EMC* sponsors in an effort to provide girls with useful information on exciting STEM related career paths.

Aspirations

- # Served as an Ambassador for this unique outreach program. Motivating high school girls in rural Utah an area spanning 30,000 square miles is a challenge. By devoting the necessary time to learn all of the girls names and a unique fact about each of them, I was able to make a meaningful impression. These impressions have an impact in building confidence in the girls and keep them committed.

RESEARCH

Project Z

An ongoing project that is comprised of a Raspberry Pi and modules used to teach programming to children

Hummingbird (BirdBrains Labs)

During this research project it was necessary to improve the peripherals used to teach children. I designed and built a chassis for the circuit board, to allow children the ability to build a functional robot. Scratch and Snap! programming languages were used to teach middle school aged children programming.

FLL (FIRST LEGO League)

A two-fold research project introducing a local elementary school to FIRST LEGO League, and then providing them with a learning environment to stimulate development in Science, Technology, Engineering, and Mathematics.

Under Dr. Dezhi Wu at Southern Utah University, our research titled *Inspiring Youngsters to STEM Fields through FIRST LEGO Robots* was featured in the *UTAH ACADEMY of Science, Arts, and Letters | Annual Conference 2018*.

The group of children I coached was the only first year elementary school to qualify to compete at state. The team performed consistent results during each of the three Robot Games.

