

CONTACT

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ABOUT ME

I spent my professional career in the technical field of computer and network hardware. I would fix what was broken and I was known for doing it well. I realized that I was eager to come home and work on my hobby, photography. I appreciate the technical aspects and the gadgets, but I also love researching technique, artistry and gear and then the creativity of taking the picture and post processing. Research and being creative were missing in my career. So I looked for a technical career that would encompass these talents and found data analytics. I discovered the six month Nashville Software School program and have enjoyed developing these strengths and I look forward to utilizing these in my career.

SKILLS

TABLEAU	POWER BI
SQL	PYTHON
EXCEL	MICROSOFT WORD
MICROSOFT POWERPOINT	

NSS CAPSTONE PROJECT

Monarch butterflies population has overall decreased dramatically over the last 20 years even warranting being considered for protection under the Endangered Species Act. I looked at the impact that weather and GM crops have on the Monarch population and migration.

- Used Python to scrape data from various websites, wrote queries, cleaned data and joined data sources. Used Tableau to visualize data include maps of weather, migration and milkweed, and created charts of overwintering populations.
- Findings: Weather temperatures and specific timing of storms has impacted the migrations and the overall numbers of Monarchs in North America. As the use of GM crops has increased the numbers of Monarchs have directly decreased due to the lack of milkweed.

Project Links

- [Tableau](#)
- [Git Hub](#)

EDUCATION

Nashville Software School	
DATA ANALYTICS BOOTCAMP	2020
DATA ANALYTICS JUMPSTART	2019

Fox Valley Technical College
AAS IN ELECTRONICS TECHNOLOGY

TRACY OLSON

DATA ANALYST

DATA ANALYTICS EXPERIENCE

NASHVILLE SOFTWARE SCHOOL- DATA ANALYTICS BOOTCAMP JAN 2020 - JUNE 2020

Six month part-time intensive introduction to data analytics. Emphasis on real-world learning using hand-on training of visualization tools to create dashboard and reports and then communicate data through presentations individually and in teams.

SQL & Tableau: *Lahman Baseball*

Investigated average height by decade and average home runs and strikeouts per game by decade.

- Wrote queries to filter, sort, group, aggregate, and join data from multiple databases. Then used Tableau to create visualizations.
- Findings: Players heights have increased over time. Home runs are similar over time whereas strikeouts have increased.

Python & Power Bi: *Healthcare BlueBook*

Researched price comparisons of procedures done in surgical centers vs. hospitals within the Medicare system. Also researched price comparisons by TN regions.

- As a group project, wrote queries in Python and used an interactive dashboard in Power BI to storytell and make recommendations.
- Findings: If patient is willing to travel outside major metropolitan areas for procedures and have them at surgical centers rather than hospitals, the cost is often less.

Microsoft Excel: *Nashville City Cemetery Association*

Analyzed statistics for Peddle Tavern to create Halloween route.

- Used lookup formulas to clean data and Pivot tables to analyze the total burials per year, age at time of death by percentage for different time periods, and common causes of death. Presented data using bar and line graphs to aid in visualization so company could utilize for the Peddle Tavern route.
- Interestingly, the top five causes of death in the 1800s are very different from today due to cleaner water supplies, better refrigeration and medical advancements.

WORK EXPERIENCE

POMEROY - FIELD SERVICE TECHNICIAN FEB 2014-DEC 2019; DEC 2007-AUG 2012 (FORMERLY GETRONICS AND TOLT SERVICE GROUP)

Pomeroy provides information technology services including managed services, technology solutions and application development to the retail industry.

- Provided solutions to fix hardware including switches, routers, point of sale terminals, PC's, scales and wireless retail devices in live retail environments in the following areas: Nashville, Tennessee; Lexington, Kentucky; Atlanta, Georgia; and Huntsville, Alabama
- Communicated with store management to maintain superior customer relationships including training store personnel on new equipment
- Maintained individual physical parts inventory by electronically documenting parts received, parts usage, parts locations, parts transfers and defectives shipped to keep company costs low
- Worked with technician team to prioritize customer service requests taking into account parts availability, locations, and severity of call

SPARTAN COMPUTER SERVICES - FIELD SERVICE TECHNICIAN AUG 2012 - FEB 2014

Spartan Computer Services, Inc. provides information technology services including repairs, installs, rollouts, and other related services.

- Fix hardware including routers, switches, point of sale terminals, drive-thru devices, servers, and kitchen devices in live restaurant environments
- Prioritized calls by business need, location and parts availability
- Provided exceptional customer experience through timely resolutions and consistent communication with restaurant management and personnel