Alexandria Hanson

EDUCATION

Master of Science, Data Science & Analytics | **Concentration, Business Intelligence** MAY 2024 - MAY 2026
Old Dominion University – Norfolk, VA

- **Relevant Coursework:** Introduction to Data Science and Analytics, Data Analytics and Big Data, Data Visualization, Statistical/Probability Models for Data Science and Analytics, Statistical Tools for Data Science and Analytics, Data Visualization and Exploration

Bachelor of Arts, Mathematics | **Minor, Computer Science** AUGUST 2014 - MAY 2019
Christopher Newport University – Newport News, VA

- **Relevant Coursework:** Intro – Mathematical Programming, Information Systems Analysis, Database Management Systems, Computers and Programming I & II, Linear Algebra, Partial Differential Equations, and Leadership Theory and Research

PROFESSIONAL EXPERIENCE

Engineering Planning Analyst II – Newport News, VA MAY 2023 – PRESENT
Newport News Shipbuilding
- Automated reports to increase time efficiency by up to 94% using Visual Basic Application to execute updates.
- Created easily digestible layouts by formatting data visualizations in a precise manner.
- Refined business reports by removing unnecessary or repeating data as well as using formulas where information was being filled in manually.
- Rewrote How-To PowerPoints and instructions tabs in workbooks so that reports could be updated by any team member through either the coded macro or manually.
- Enhanced team member Excel knowledge by sharing useful formulas to reduce time in updating metrics.
- Detected data errors through audits of business metrics so as to provide accurate information going forward.

Program Cost Control Analyst II – Newport News, VA AUGUST 2019 – MAY 2023
Newport News Shipbuilding
- Established budgets on the Columbia Class Submarines for 20+ departments worth more than 1 million manhours by corresponding with control account managers and reviewing initial estimates.
- Partnered with other divisions such as Engineering, Quality, and Strategic Sourcing to provide accurate financial data.
- Monitored scheduled earnings to ensure precise data and to adjust within contractually approved time frames to prevent unnecessary backups.
- Estimated actual final costs for 20+ departments on 3 Columbia contracts by evaluating spending trends on previous contracts as well as determining cost per product to further inform performance.

Inventory Control Specialist – Newport News, VA JANUARY 2016 - MAY 2017
Engineering Development Laboratory Inc.
- Audited inventory on a regular basis certifying products and counts prior to job executions.
- Maintained inventory area by keeping a clean and organized environment thus reducing product loss.
- Corresponded with associates to ensure successful, timely completion of tasks in a collaborative environment.
- Enhanced organizational skills by updating inventory tracking to guarantee accuracy.

Military Sales Ambassador – Hampton Roads, Virginia JUNE 2014 - AUGUST 2014
The Vita Coco Company, Inc. – *Summer Internship*
- Advertised product by creating decorative displays pulling attention and placing them around the inside entry of 3 commissaries resulting in a boost of sales.
- Informed customers about products by providing samples and answering questions leading to customer satisfaction.
- Attracted customers by distributing promotional discounts.

SKILLS

Excel | VBA | SQL | Access | Earned Value Management System | SAP | Cognos | Budgeting | Data Gathering | Data Analysis | Data Visualization | Document Management | Process Improvement | Report Generation | Analytical Thinking