# CHARLES ADKINS

CA

Email: charles.adkins.4@gmail.com
Phone: (360) 471-8620

## EXECUTIVE SUMMARY

A results and team-oriented professional with nine years of proven work experience, with a record of accomplishments in data analytics, environmental science, nuclear energy, and safety management.

## TECHNICAL APTITUDES

**Technologies:**
HTML, CSS, Javascript, Python

**Frameworks:**
Flask, Django, Bootstrap

**Tools:**
R, Power BI Desktop, Visio, Excel

**Database:** MySQL, MS SQL Server

**Active - SECRET Security Clearance**

## EDUCATION

**Master of Science:** Data Analytics
- SNHU Class of 2020
- GPA: 3.9

**Bachelor of Science:** Environmental Science
- SNHU Class of 2017
- GPA: 3.4

**US Navy RCTQS:** Nuclear Systems
- US Navy
- Top Graduate

**Software Engineering:** Full Stack Developer
- Coding Dojo

### ANALYTICAL SKILLS

Operational Risk Management (ORM)

Data Assessment and Optimization

Machine Learning (Regression, Random Forest, Association Analysis, PCA, Naïve Bayes, SVM)

Visualization and Presentation

Quality Assurance (QA)

# PROFESSIONAL SUMMARY

- Proficient in theory and action regarding concepts which include Software Development Lifecycle (SDLC), Enterprise Data Management (EDM), Database Management, Exploratory Data Analysis (EDA), Decision Methods and Modeling, Data Visualization, Project Management, Reporting and Presentation, Data Optimization, Risk Assessment, and Predictive Analytics.

- Efficiently contextualizes data, interpret data trends, and supports data-driven decisions, of which are supported by data mining, machine learning and visualization.

- Served as technical consultant during requirements configuration, data governance strategy development and quality standards

- Analyzed deviations and trends during data collection and reviewed legacy data for the purpose of time-series analysis, auditing and data-driven decision making

- Analyzed and interpreted work plans, specifications, technical work documents and procedures pertaining to an agile/waterfall methodology workflow

- Collaboratively developed reports and resource allocation solutions for both technical and non-technical team members and stakeholders

- Prepared and presented conclusive reports, project results and dashboards to managerial members and colleagues alike, while also initiating innovative approaches to improve business processes and project procedures

- Instituted mentoring programs between teams to increase productivity and to encourage a 'paired-programming' atmosphere

- Trained and evaluated technical knowledge of 70 employees in pursuit of advancing qualifications - 100% advancement

- Evaluated training cycles, asset management protocols and relevant operational procedures in relation to inventory control and management in material sectors totaling ~$5 million worth of technical equipment (Armory inventory, waterborne vehicle and various-terrain vehicle equipment, electronics equipment and personal gear) with zero discrepancies

# PROFESSIONAL HISTORY

**Full-time Student - M.S. Data Analytics**
Southern New Hampshire University
12/2018 - Currently enrolled (Will graduate 09/2020)

**Nuclear Projects Analyst**
Department of Defense
04/2018 - 03/2019

**Lab Instructor**
MAD Science LLC
09/2017 - 01/2018

**Operations Manager**
United States Navy
02/2012 - 02/2017