

KEVIN DENNY

Norfolk, VA | <https://www.linkedin.com/in/kevin-denny-9254a319a/> | <https://kevincdenny.com>

I am an experienced data analyst with over a decade of experience analyzing data and honing my problem-solving skills to develop more efficient processes for resolving issues and improving organizational performance. Over four years I have used Python, SQL, and Microsoft Excel to analyze and clean data, develop web applications with Flask, and develop tools to improve data compliance. Through these contributions, our team has broadened the scope of our services, working towards uncovering new possibilities with data.

EXPERIENCE

Data Analyst (Remote)

Virginia Supportive Housing | Norfolk, VA | AUG 2020 - PRESENT

- Employed advanced Excel skills like vlookup and pivot tables to manage agency data quality, in the Homeless Management Information System (HMIS), to cohere with HUD data quality standards and meet grant-specific statistical metrics required to maintain millions in organization funding.
- Worked independently to develop and implement an automated application using Python, Microsoft Excel, and Restful API, that solved a data management problem and improved data quality.
- Implemented an ETL (Extract, Transform, Load) process, using Python and PostgreSQL, to migrate data from four independent systems to one, facilitating the successful implementation of new agency-wide software.
- Developed and maintained standard operating procedures for 12 grant reports to include data collection and cleaning methods and calculations for key statistics.

Data Analyst

LGBT Life Center | Norfolk, VA - SEP 2018 | AUG 2020

- Employed advanced Excel skills like vlookup and pivot tables to manage agency data quality, in the Homeless Management Information System (HMIS), to cohere with HUD data quality standards and meet grant-specific statistical metrics required to maintain organization funding.
- Led the acquisition and implementation of 3 new agency-wide applications improving department communication and client support.
- Utilizing Microsoft Excel, Developed new data collection processes supporting the transition to paperless applications, improving agency efficiency and staff safety during COVID.

Intelligence Specialist

US Navy | Norfolk, VA - | SEP 2007 – SEP 2013

- Identify patterns, relationships, and problems in data to support command decisions.
- Refined a process for tracking units of interest by exploring multiple data sources and analyzing transit activity.
- Compiled over 500 data-driven reports that impacted tactical decision-making.
- Trained and vetted military members to fill open positions.

EDUCATION

Bachelor of Science in Computer Science with A focus in Data Science

Colorado Technical University - MAR 2020 - MAY 2023

Data Science Coursework: Data-Driven Statistics, Intro to Database Systems, Foundations of Big Data Analytics, Machine Learning, Data Mining, Data Warehousing, Streaming Data Analytics, NoSQL Databases

Computer Science Coursework: Computer Algorithms, SQL Programming, Python Programming, Software Engineering

CERTIFICATIONS

- Microsoft – Azure Data Scientist Associate
- Databricks – Databricks Lakehouse Fundamentals
- DataCamp – Data Scientist Associate
- DataCamp – SQL Associate

SKILLS

- Python (Pandas, Numpy)
- SQL (PostgreSQL)
- Problem Solving
- ETL
- Excel
- Communication