**Jeff Sedlock**

sedlockjeff1@email.com (973)-600-1334 Greater Philadelphia Area [LinkedIn](https://www.linkedin.com/in/jeffrey-sedlock-3883b8152/)

*Analytically minded self-starter with a background in Industrial Engineering. In my current role, I have learned and applied data science techniques. I am prepared to leverage my mathematical and problem-solving skills in a data position.*

EXPERIENCE

**Virtua Health** – Management Engineer January 2022 – Current

Marlton, NJ

* Consistently managed and led a project portfolio of 3-5 projects driving systemwide initiatives
* Led data analysis project where I was able to accurately measure a potential savings of $5M+
* Performed in-person observations at various hospitals to understand processes behind data and gather relevant project information through conversations with front-line workers
* Used communication skills to clearly communicate data findings to leaders to make strategic decisions
* Facilitated large meetings with diverse groups regularly helping the team reach a consensus on important business decisions

**Viking Yacht Company** – Industrial Engineer Intern May 2021 – August 2021

New Gretna, NJ

* Aided in the implementation of a labor tracking system where none existed before
* Conducted quantitative analysis of process effectiveness using lean/six sigma tools to measurably impact production performance
* Facilitate meetings with management to discuss process improvement alternatives

PROJECTS

**Lab Specimen Hemolysis**

* Worked independently for 3 weeks to extract, clean, analyze, and visualize lab specimen hemolysis rate for all departments within 5 hospitals.

**Emergency Department Bed Capacity**

* Produced a model to predict future emergency bed needs for 2029 incorporating market projections, patient acuity, and seasonality.

EDUCATION/CERTIFICATIONS

**West Virginia University** – Bachelor’s, Industrial Engineering

August 2017 – December 2021

**Data Scientist: Analyst Specialist** – Codecademy

Issued January 2023

SKILLS

**Technical Skills:** Python (NumPy, Pandas, Matplotlib, Seaborn, SciPy), Tableau, Microsoft Excel, JMP, PowerBI, Mathematics, Statistics

**Soft Skills:** Persuasive Story Telling, Generating Hypotheses, Critical Thinking, Research