

Anthony E. Domanoski

adomanoski85@gmail.com github.com/Domanoski0282 LinkedIn Monmouth County, NJ +1 (732) 966-5256

EXPERIENCE

Technology / Government

Police Officer

Township of Livingston, NJ – Livingston Township Police Department (2022–Present)

- Engaged in data-informed patrol strategies that reduced vehicle theft incidents
- Supported investigations requiring critical analysis and situational judgment
- Use of SAS and other programs to answer calls for service and report writing

Police Officer

Green Brook, NJ – Green Brook Township Police Department (2017–2022)

- Ranked 2nd in departmental arrests two years consecutively through proactive policing
- Authored detailed reports to support legal outcomes and internal evaluations
- Use of SAS and other programs to answer calls for service and report writing

PROJECTS

Oura Ring / Sleep and Activity Analysis

Oura Ring Health Data Project

ETL Oura Ring Data from Cloud Server to Local Machine

- Cleaning and analyzing wearable device data to identify sleep and recovery trends
- Using SQL for querying, Excel for data cleaning, Tableau for dashboard visualizations
- Utilizing AI tools to help debug and check work.

Sandy Hook Ocean Conditions Monitor — Real-Time Marine Data Analytics System

Real-Time Ocean Conditions Monitoring and Analysis

- Integrated two NOAA APIs (NDBC and CO-OPS) to fetch real-time wave, wind, pressure, and tide data
- Built robust parser for NDBC text data that handles format variations, duplicate columns, and missing values
- Implemented time-series analysis with anomaly detection, automated reporting, and data visualization using Python, Pandas, NumPy, and matplotlib

EDUCATION

Analyst Builder Data Analytics Program

Analyst Builder, 2025 / In Progress

Associate of Science

Ocean County College, 2014 / Criminal Justice

SKILLS & TECHNOLOGIES

Languages: SQL, Python, LaTeX

ML / AI: Cursor, Claude, ChatGPT

Frameworks: Nodejs, ETL, REST APIs

Cloud / Tools: Docker, GitHub, Tableau, Power BI, Heap, MixPanel, Jupyter Notebooks, Colab, Microsoft Excel

Methods: A/B Testing, Optimization

OSINT: TLO, Motorola Vigilant ALPR Systems Operator

CERTIFICATIONS

- Data Analytics:** SQL, Microsoft Excel for Data Analytics
- Policing:** NJ PTC Class A Officer
- Combatives:** Defensive Tactics Instructor | Brown Belt, BJJ
- Teaching:** Methods of Instruction
- Investigations:** Criminal Interdiction, Domestic Violence Training, Pursuit and Use of Force