

## 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

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**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