

# LOWELL CAPOBIANCO

Redondo Beach, California

(828) 989-8396

[www.linkedin.com/in/lowell-capobianco/](https://www.linkedin.com/in/lowell-capobianco/)

[lcapobianco@rad.y.ucsd.edu](mailto:lcapobianco@rad.y.ucsd.edu)

## EDUCATION

**Master of Science in Business Analytics**, Rady School of Management  
University of California, San Diego, CA

12/2025

**Bachelor of Science, Civil Engineering**

North Carolina State University, Raleigh, North Carolina

05/2017

- Naval Reserve Officer Training (NROTC) 4 Year Scholarship.

## EXPERIENCE

**Business Process Analyst**, Northrop Grumman, Redondo Beach, CA

03/2023 – Present

- Optimized cost management processes by leveraging Excel, OLAP, MSSQL, and VBA to perform ETL, improve SQL server performance, identify discrepancies, and automate reporting.
- Constructed and implemented technical processes within SAP(S4/Hana) enabling creation and management of project structures over four programs and over 1000 networks.
- Evaluated financial data for accuracy and reliability to enhance decision-making processes while ensuring compliance with Earned Value Management System (EVMS).
- Implemented preventative maintenance processes of server maintenance as team's sole privileged user, leading to a 30% reduction in down time.

**Auxiliaries Officer**, United States Navy, LT

12/2020 - 01/2023

- Provided leadership and team guidance to 40 sailors to maintain and operate critical ship systems resulting in revamped maintenance plans and increasing reliability and operation in dynamic ship environments.
- Partnered with cross functional internal and external team members to develop technical solutions and troubleshoot system issues improving combat readiness for ship and crew resulting in 100% ship readiness.

**Communications Officer, LTJG**, United States Navy, LTJG

05/2017 - 12/2020

- Led a team of 20 in implementing ship communication plans and redesigning administrative programs, achieving certification for mission-critical systems.
- Led coordination of essential communication paths between ships and multiple communication facilities boosting planning and coordination resulting in no communication downtime over a 7-month deployment.

## PROJECTS

**UCSD-Rady Student**, Targeting Messaging Campaign, MGTA 455 - Customer Analytics, UCSD Rady School of management

01/2025 - 01/2025

- Developed machine learning models (Linear and Logistic Regression, Xgboost, Random Forest, and Neural Network) to forecast consumer purchase likelihood, analyzed feature impact, and generated population-level metrics to improve decision-making in targeted marketing campaigns.

**Business Process Analyst**, Orphaned Networks, Northrop Grumman

09/2024 - 09/2024

- Developed and optimized MSSQL stored procedures to consolidate and validate multi-source data, enhancing network mapping accuracy, operational efficiency, and data-driven decision-making.

## SPECIALIZED SKILLS

- **Languages/Coding:** Python, Pandas, Polars, SQL (Advanced), ETL, Power Query, VBA, Batch Processing Scripts.
- **Tools:** MSSQL, Excel (Advanced), SAP(S4 Hana).
- **Certifications:** CompTia Security +, UCSD Extension Advanced SQL, Active TS/SCI (Adjudicated Polygraph).