

## MARIO NONOG

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Security Clearance: Active DoD secret clearance

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## PROFESSIONAL SUMMARY

Navy Veteran Officer and Business Analyst Graduate Student with expertise in Statistical Forecasting, Planning and technical data expertise. Skilled in Mathematical Instrument such as python (pandas, numpy), MATLAB, and Excel to deliver insights, statistical models, and solutions of complex problems through integration and regression testing.

## SKILLS

- **Core:** problem solving, attention to detail, communication skills, collaboration, team engagement, adaptability, process improvement, data analysis, operation process support, system testing, system design, team player, cross functional teamwork, management
- **Technical:** Sked, OMMS, programming languages: python (numpy, pandas, matplotlib, polars, scipy, scikit-learn), Radiant, MATLAB, Microsoft Office Suite 365, HTML, JavaScript, CSS, Excel VBA, tableau, SQL, data visualization.

## EDUCATION | CERTIFICATIONS

- **Master of Science, Business Analytics**, University of California , Expected December 2025
- **Mobile App Development Certificate**, San Diego Community College
- **Bachelor of Science, Mathematics**, United States Naval Academy (USNA)

## NOTABLE AWARDS

- Joseph K Taussig Jr. Leadership Award, United States Naval Academy
- Best in Mathematics Award and Sailor of the Year Award, United States Navy

## PROFESSIONAL EXPERIENCE

United States Navy, Various Locations

Operations Manager

May 2022 – January 2025

- **Managed a division of 32 personnel**, overseeing over 2,000 transactions in Microsoft Excel, ensuring data integrity and customer satisfaction. This leadership contributed to the streamlining of sales operations, resulting in 4 promotions and 8 performance awards.
- **Designed and implemented talent development programs** for 37 naval officer candidates, enhancing skill application through customized professional development, which improved operational efficiency and readiness.
- **Led a cross-departmental collaboration** to analyze and design human resources training programs, integrating administrative and submarine warfare expertise to align with organizational goals and performance metrics.
- **Consulted and mentored junior personnel** to improve performance metrics using research data and cohort modeling, and developed business cases for training initiatives and promotions based on quantitative analysis.

- **Integrated cloud computing solutions** to facilitate real-time collaboration and data accessibility across departments, enhancing logistical operations and strategic planning.
- **Utilized the Ship's Material Maintenance and Management (3-M) Manual** as a Division Officer for an Anti-Submarine Warfare division, leading 15 Sonar Technicians and effectively managing NSN/NIIN, MAMs, AAQ, and ACR.
- **Gained comprehensive knowledge in COSAL allowancing** and outfitting requirements during tenure in weapons department, contributing to Damage Control, CBR Defense, and readiness during strategic operations.
- **Supported surface supply issues and policy improvements** through active engagement with NAVSEA, NAVSUP WSS-MECH/PHIL, SPAWAR, NAVAIR, DLA, NSA, ISEAs, reviewing COSAL outfitting requisitions and ACR submissions to enhance supply support and operational readiness for CNAP/CNAL aircraft carriers.

### **Hospital Corpsman (Medical Assistant)**

**March 2015 – June 2018**

- **Enhanced Healthcare Efficiency:** Conducted resource allocation analyses and supported 10 doctors by optimizing team collaboration in healthcare settings. Utilized CRM systems for robust patient data management, aiding in the accurate delivery of care for 3,000 patients.
- **Data Management and Decision Support:** Maintained detailed patient data records, employing data science techniques to track trends and support informed medical decisions, enhancing care quality and efficiency.

### **Research Experience**

#### **Optimization of Mobile Marketing Campaigns Using Predictive Analytics, Tuango    January 2025**

- Implemented logistic regression to predict customer responses to promotional offers, enhancing targeting accuracy and reducing unwanted spam.
- Conducted break-even analysis and profitability forecasting to align marketing efforts with expected returns, optimizing resource allocation and maximizing ROI.

#### **Data Analysis and Visualization, Accenture**

**October 2024**

- Conducted advanced analytics and deep learning on a large data set of over 10,000 sales records as a Business Analyst Statistician using pandas in python to assess potential company growth scenarios
- Provided research data-driven recommendations leveraging research data storage solutions and scalability techniques to senior leadership regarding the feasibility of an IPO for future expansion

#### **Ride Sharing Markets Re-Equilibriate Case Data Analysis, UCSD**

**August 2024**

- Conducted market research and trend analysis on supply-demand patterns in UberX to analyze trends on big data of pricing patterns using surge rates, supply-demand fluctuations, and geographic data for market optimization using pandas in python
- Applied data analysis using pandas in python and regression models using machine learning to identify price points that balance driver earnings and customer affordability.