

# Nathaniel S. Cutler

Data Analyst · Policy Intelligence · Marine Corps Veteran  
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[ncutler211.github.io](https://ncutler211.github.io)

## EXPERIENCE

### State of Texas — Legislative Budget Board

01/2024 - Present

#### Data Analyst & Fiscal Note Coordinator, Public Education

Austin, TX

- Maintain and deploy data and technical systems integral to the state's school finance model, supporting billions in public education funding decisions.
- Co-authored and maintain a dynamic Plotly/Dash dashboard generating district-level fiscal reports illustrating funding changes across all Texas school districts.
- Conduct rigorous QA on model outputs and fulfill ad hoc analyses using Python, translating results for legislative audiences including Senate staff and agency partners.
- Serve as Fiscal Note Coordinator — identify affected agencies, assign analysts, and liaise between legislative committees, agencies, and LBB staff on bill cost estimates.
- Created and maintain the internal Public Education team website; export Python models to Excel and other formats for cross-agency use.

### United States Marine Corps

06/2011 - 12/2018

#### CBRN Defense Specialist → Section Leader → Platoon Sergeant NCOIC

Indian Head, MD · Camp Courtney, Okinawa, Japan

#### CBIRF — CBRN Warehouse | 12/2016 - 12/2018

##### Platoon Sergeant NCOIC

- Supervised 12 Marines managing and safeguarding \$11M+ in CBRN response assets, eliminating asset losses through strategic logistics restructuring.
- Designed and implemented a modernized inventory database, reconstructing missing records and materially improving battalion readiness standards.
- Produced regular readiness and consumption reports; coordinated with civilian contractors for equipment acquisition and maintenance.

#### CBIRF — Identification & Detection Platoon | 03/2014 - 12/2016

##### Mobile Laboratory Section Leader / PAT Leader / SCAD Section Leader

- Led teams of 3–4 Marines in mobile sterile environments; performed hazardous material identification using GCMS, FTIR, Raman Spectroscopy, and dosimetry.
- Directed deployment of Standoff Chemical Agent Detectors (SCAD) integrating meteorological data for real-time plume triangulation.
- Supported National Special Security Events including Pope Francis' 2015 NY visit and the Nuclear Security Summit; authored comprehensive SOPs for hazardous environment operations.

#### HQ Battalion, 3rd Marine Division | 06/2011 - 03/2014

##### CBRN Defense Specialist

- Conducted CBRN threat analysis and provided strategic mitigation recommendations to commanders across the Pacific region.
- Participated in joint inter-agency operations including Cobra Gold 2012 with Thai CBRN Marines; served as operations watch clerk aboard ship requiring Secret clearance.

## EDUCATION

### University of Arizona

09/2019 - 12/2023

#### B.S. Information Science — Data Science Emphasis

Tucson, AZ · Dean's List with Distinction

Relevant coursework: Data Mining, Data Engineering, Database Development & Management, Linear Algebra, Machine Learning, GIS, Statistics & Quantitative Methods

## Ivy Tech Community College

### Computer Science Coursework

Bloomington, IN

01/2019 - 08/2019

## FEATURED PROJECT

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### Project Radiance — Capstone Project Manager

Led a team of 4 in building a publicly accessible relational database of global ambient radiation measurements. Aggregated datasets from U.S. RadNet, UK DESNZ, and Japan's Nuclear Regulation Authority through an ETL pipeline, addressing the gap left by the IAEA's non-public data. Enables meaningful public inquiries such as examining the effect of Fukushima on radiation levels along the California Coast.

**Stack:** Python · R · PostgreSQL · AWS · Power BI · GitHub

## SKILLS & QUALIFICATIONS

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### Languages

Python · SQL · R  
Java · MATLAB ·  
HTML/CSS

### Visualization

Plotly / Dash · Tableau  
Power BI

### Analytics

Regression ·  
Classification  
Decision Trees ·  
Anomaly Detection

### Infrastructure & Other

AWS · Databricks · PostgreSQL · ETL  
Design  
Secret Clearance (held 2014–2018) ·  
10-pt Vet Preference

## HONORS & AWARDS

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Navy Meritorious Unit Commendation · Marine Corps Good Conduct Medal (×2) · National Defense Service Medal · Global War on Terrorism Service Medal · Sea Service Deployment Ribbon (×2) · Expert Rifle Qualification Badge (×4) · Dean's List with Distinction (×2)