

# JONATHAN DUVAN GONZALEZ

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*Bilingual English / Spanish*

## SUMMARY

Data & Analytics professional with 7+ years across consulting, software, and operations. Experienced building production analytics systems, coordinating time-critical logistics, and delivering requirements for digital and construction projects.

## EDUCATION & CERTIFICATIONS

**Dartmouth College**, Hanover, NH - *B.A. in Computer Science*

**Sept 2014 – June 2018**

Teaching Assistant (CS52: Web Development): multiple terms | Project Manager: Dartmouth Applied Learning & Innovations Lab

**Active Certifications:** PMP - PMI • Photovoltaic Associate - NABCEP • Energy Production, Distribution, & Safety

**Specialization** - University at Buffalo & SUNY

*In Progress: Machine Learning Specialization* - Stanford Online • **Intelligent & Integrated Energy Systems Program** - DelftX

## EXPERIENCE

**Luxury Cruise Supply Inc.** | Fort Lauderdale, Florida

**Nov 2025 – Feb 2026**

*Operations & Supply Chain Coordinator (Seasonal)*

Coordinated time-critical procurement and logistics operations that supported 100+ cruise sailings with fixed departure deadlines.

- Prevented departure disruptions by managing procurement status, warehouse orders, and vendor delivery schedules across 700+ SKUs (refrigerated, dried, frozen, and carpentry items) per sailing to ports across the Caribbean.
- Processed and reconciled client invoices, vendor invoices, and container freight charges, ensuring accurate billing and on-time payment across suppliers and shipment transportation providers.

**Freedom Forever** | Various, South Florida

**Sept 2025 – Oct 2025**

*Solar Installer (Position ended due to regional workforce reduction)*

Delivered residential solar and battery installations across 25 homes during a high-volume regional deployment period.

- Completed full-system installations including roof preparation, racking, module placement, wiring, and commissioning in coordination with licensed electricians.
- Kept projects on schedule by aligning daily execution with crew leads and communicating technical changes bilingually to crews and homeowners.

**Nexamp Inc.** | Boston, MA

**Nov 2023 – Nov 2024**

*Senior Backend Software Developer (Community Solar Billing & Operations Analytics)*

Led backend system redesign and operational analytics development that expanded the community solar billing platform service.

- Scaled a stalled ~250-customer pilot into a production-grade system supporting 1,000+ accounts by re-architecting billing workflows and system logic.
- Integrated customer utility billing by translating interconnection rules, utility constraints, and regulatory compliance into structured system workflows.
- Reduced manual billing review time by 60% by building discrepancy detection, risk scoring, and operational analytics tools.
- Accelerated issue resolution by building dashboards that surfaced account anomalies and forecasting gaps.
- Maintained documentation and planning artifacts that enhanced clarity into system health, architecture, and operational risk.

**IBM** | Various, US

**Oct 2018 – May 2023**

*Managing Consultant*

*Apr 2022 – May 2023*

Led analytics and optimization work for logistics, aviation, and infrastructure clients to support executive planning decisions.

- Improved domestic supply logistics for a global brewing company by integrating a custom CPLEX optimization model into data pipelines processing 2–4M records daily, reducing shipment planning cycle time by 30%.
- Contributed to six multi-million-dollar proposal efforts, shaping analytical strategy and presenting findings in executive workshops and board-level sessions.

*Senior Analytics Consultant*

*Jan 2020 – Apr 2022*

Promoted to lead technical design and client-facing analytics delivery across revenue management and supply chain engagements.

- Co-designed data models and analytics pipelines for an international airline's pricing management transformation, enabling near real-time forecasting and increased visibility of pricing factors.
- Developed scalable data models and source-to-target mappings to simplify complex, event-driven architecture redesigns.
- Partnered with client SMEs to translate business processes into optimized data structures and analytics workflows.

*Analytics Consultant*

*Oct 2018 – Jan 2020*

Delivered full-stack and analytics solutions across aviation, manufacturing, and enterprise operations environments.

- Designed backend data flows and APIs for applications handling sensitive operational and performance data.
- Conducted clustering analyses for enterprise client that identified performance drivers and workforce risk patterns.
- Supported agile delivery teams through solution architecture, QA testing, and iterative stakeholder feedback cycles.

## SELECT PROJECTS & ADDITIONAL EXPERIENCE

• K-12 Math & Coding Tutor (*2023–Present*)

• GovReach, Open source (*Present*): Advocacy email platform + officials data ([github.com/jonathanduvan/gov-reach](https://github.com/jonathanduvan/gov-reach))