

KEVIN GONZALEZ

ENVIRONMENTAL ENGINEERING STUDENT

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Environmental Engineering student with applied experience in sustainable design, IoT sensor systems, and CAD/3D modeling. Developed technical projects spanning smart monitoring, renewable energy, and groundwater remediation. Entrepreneurial problem-solver recognized for sustainability-focused innovation and startup process.

EDUCATION

Florida International University

Miami, FL

Bachelor of Science in Environmental Engineering

(Expected May 2026)

- Relevant Coursework: Water/Wastewater Treatment, Thermodynamics, Fluid Mechanics, Solid Hazardous Waste Management, Environmental Organic Chemistry, Water Resources and Hydraulics, Environmental Compliance and Data Analysis.

PROJECTS

Solar-Powered Weather Station

FIU, 2025

- Designed and implemented a field-deployable station using IoT sensors, solar power, and data logging to focus on environmental conditions.
- Focused on rugged prototyping, energy efficiency, and reliable real-time data collection.

GoodieBag App

Silicon Flatirons, 2022

- Co-founded a SaaS platform to reduce food waste by connecting surplus food suppliers with consumers.
- Selected as a finalist and featured in the *Denver Business Journal* as a top emerging solution.

Automatic Pill Dispenser Prototype

CU Boulder, 2022

- Led mechanical design and SolidWorks modeling for a timed, lockable medication dispenser.
- Collaborated with Electrical Engineering students to integrate Arduino-based timing system.

PROFESSIONAL EXPERIENCE

Business Development Intern, Yes Energy

June 2023 - August 2023

- Supported lead generation across U.S. power markets (ISOs, RTOs), building understanding of utility-scale energy systems
- Collaborated with the sales and data analytics teams to understand energy market trends, including congestion pricing, generation dispatch, and grid load forecasting.
- Researched and proposed internal applications of artificial intelligence (AI) to streamline data workflows, automate repetitive outreach tasks, and enhance market segmentation strategies

Sales Expert, T-Mobile

Jan 2020 - June 2024

- Ranked in top 3% nationwide for consistently exceeding individual sales goals by 120%
- Navigated technical product troubleshooting and delivered personalized solutions to high-volume customers, improving satisfaction scores from 73% to 96.5%
- Awarded "2021 CRUSH IT AWARD: Mobile Expert of the Year" for performance and customer impact

SKILLS

- Software/Tools:** ArcGIS, AutoCAD, Civil 3D, Fusion 360, MATLAB, Excel (Advanced), EPANET, Python.
- Analysis:** Energy modeling, lifecycle analysis (LCA), cost-benefit analysis, utility data analysis.
- Laboratory:** Water and soil analysis (pH, alkalinity, hardness, turbidity, BOD/COD), environmental sampling (flow measurement, infiltration/runoff testing), microbiology (microscopy, culturing).