

JOSEPH C. WANKELMAN

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OBJECTIVE

I'm a data analyst with a strong passion for climate and life science policy. My expertise lies in data analytics, data visualization, business strategy and project management. I've consistently enhanced efficiency and profitability across diverse sectors. I'm now in search of a challenging role that blends data analytics and policy to generate a competitive edge through meaningful impact.

PROFESSIONAL EXPERIENCE

KIKO (Cofounder) | Seattle, WA

November 2022 – Present

Chief Data Officer

- Conducted over 1000 interviews to identify the impact of Adverse Childhood Experiences (ACEs) on consumer decision-making, resulting in the development of advanced methodologies for comprehensive market research, brand strategy & data collection.
- Boosted data processing by 37% through the design and implementation of an advanced data pipeline to train the LLM model, enhancing feature scaling and elevating inference accuracy for our AI therapeutic chatbot MVP.
- Enhanced mental health support for clinicians by promoting cross-functional collaboration with Stop Soldier Suicide, using collected data insights, and developed machine learning model to increase the probability of effective support refining patient care and trauma interventions.

Amazon | Seattle, WA

November 2022 – April 2023

Software Development Engineer Pre-Apprentice

- Ensured real-time, accurate data exchange for optimized decision-making by automating data retrieval and expanding application functionality through Java and API integration.
- Increased profitability by greater than 5% and enhanced application performance by spearheading a data-driven UI/UX interface, based on market research, that prioritized user engagement and reduced friction points.
- Boosted application operational efficiency by 15% and optimized cost performance by deploying AWS DynamoDB for improved speed and flexible data modeling.
- Cut meeting durations by 4% and streamlined cross-functional decision-making by strategically employing Tableau to transform consumer feedback and feature adoption data into actionable insights for the product management team.

United States Army | Global

June 2000 – September 2016

AH-64E Apache Pilot in Command / Maintenance Test Pilot / Project Manager

- Maintained a record of zero safety incidents by adeptly overseeing the maintenance of eight \$45 million helicopters and effectively leading a diverse 43-person team, while implementing risk management strategies; earned recognition for distinguished leadership as an AH-64E Apache Helicopter Pilot in Command by the United States Army.
- Achieved a 93% operational readiness rate and improved helicopter status by collaborating with Boeing engineers to transform raw data into actionable insights, empowering cross-functional maintenance teams for effective execution.
- Bolstered operational effectiveness for US and allied forces and furthered national objectives by leading 372 combat missions with an emphasis on crisis management.

EDUCATION

Johns Hopkins University, School of Advanced Academic Programs, *Washington DC*

in Progress

Master of Science: Data Analytics and Policy, Concentration: Statistical Analysis

California Institute of Technology, Center for Technology and Management, *Pasadena, CA*

Graduated October 2022

Postbaccalaureate Studies: Data Science, Concentration: Machine Learning

University of Washington, School of Business, *Seattle, WA*

Graduated December 2021

Bachelor of Arts: Business Administration, Concentration: Marketing

CERTIFICATIONS:

Machine Learning Specialization, *Stanford University*

Structured Query Language (SQL), *University of Colorado*

Data Analyst Certification, *Google*

Project Management Certification, *Google*

Project Management Professional Boot Camp, *Syracuse University*

SAP Fundamentals in Data Processing, *SAP*