Chris Cordaro

Raleigh, NC • 828-750-4159 • chriscordaro@gmail.com • linkedin.com/in/chriscordaro • chriscordaro.net

Results-driven **innovation and data analytics leader** with expertise in **AI integration, business intelligence, and enterprise transformation**. Skilled in **machine learning, cloud migration, and process automation**, leading cross-functional teams to drive efficiency and cost savings. Proven ability to **optimize data strategies, mentor teams, and deliver high-impact solutions**.

WORK EXPERIENCE

Department of Defense Office of Inspector General   08/2024 - Present
Enterprise Business Innovation Manager • Full-time   Remote

Leading **data-driven transformation initiatives** within the **Department of Defense Office of Inspector General (DoD OIG)** by implementing **emerging technologies, AI-driven solutions, and automation strategies** to optimize business operations and enhance decision-making. Driving **AI adoption, workforce optimization, and strategic innovation roadmaps** to align technology with long-term business objectives.

- Implemented AI-driven workforce allocation models, optimizing personnel actions based on skill requirements, mission priorities, and real-time operational data, reducing time-to-hire by 20% and increasing mission readiness by 30%.
- Streamlined workforce planning processes through automation, reducing manual analysis time by 60% while increasing data accuracy and reporting consistency.
- Led cross-functional teams to identify opportunities for AI adoption, driving 90% growth in innovation initiatives.
- Established strategic roadmaps for cultivating a culture of Agility and AI integration, aligning emerging technologies with long-term business objectives.

Knowesis, Inc.   02/2018 - 08/2024
Senior Program Manager • Contractor   Remote

Led **enterprise-wide data analytics, business intelligence, and AI-driven solutions** for the **Department of Defense Inspector General (DoD IG)**. Established and managed a **comprehensive data analytics support services contract**, overseeing **cross-functional teams** across **data science, data engineering, and BI domains**. Spearheaded the **migration to a modern data stack**, optimizing performance and cost efficiency while driving enterprise-wide adoption of self-service analytics.

- Directed team of 15+ data scientists, engineers, and BI analysts in developing and implementing machine learning models and analytics solutions that drove $2.5M in operational cost savings.
- Spearheaded migration to modern data stack, including implementation of cloud data warehouse and ML ops platform, reducing infrastructure costs by 35% while increasing processing capabilities.

- Led development of self-service analytics platform that empowered 400+ business users to access insights independently, reducing dependency on technical teams by 60%.
- Established data science Center of Excellence, standardizing methodology and tools across organization while mentoring junior analysts in advanced analytics techniques.
- Successfully delivered 12+ major analytics projects annually, consistently meeting aggressive timelines and exceeding stakeholder expectations for functionality and business impact.

Technical Lead • Contractor   **Falls Church, VA**

Led the **analysis, design, and technical development** of a **records management system (RMS)** for the **Defense Health Agency (DHA)** to improve data governance, searchability, and compliance. The system leveraged **intelligent, metadata-enabled solutions** for **auto-classification, taxonomy management, and eDiscovery**, enhancing the security and efficiency of records management.

- Automated content classification and migration, optimizing document retrieval and reducing manual processing.
- Developed BI dashboards, providing leadership with real-time visibility into system performance and compliance metrics.
- Produced marketing and training videos, enhancing user adoption and stakeholder engagement.
- Improved DHA's data governance capabilities, streamlining records management processes and ensuring regulatory compliance.

AtkinsRéalis   09/2016 - 02/2018
Senior Data Analyst • Full-time   **Charlotte, NC**

- Developed a highly accurate data management solution, reducing errors to less than 0.05%, improving reporting accuracy.
- Led FEMA funding coordination efforts, managing $300M+ across 22 counties and ensuring compliance with federal regulations.
- Interfaced with state officials and FEMA auditors, providing clear, data-driven insights to support funding and mitigation strategies.

Jacobsen, a Textron Company   12/2015 - 09/2016
Lead IT Analyst • Full-time   **Charlotte, NC**

- Led Oracle EBS integrations for newly acquired organizations, ensuring smooth financial and supply chain system transitions.
- Pioneered business intelligence adoption, implementing QlikView to streamline reporting and improve decision-making.
- Provided IT leadership across multiple departments, aligning technology solutions with business objectives.

EDUCATION

University of North Carolina at Charlotte

Bachelor of Science in Management Information Systems in Business
Intelligence and Analytics

Charlotte,
NC

CERTIFICATIONS

DataWalk Technical Professional

01/2022 - Present

DataWalk

Data Science Professional Certificate

01/2021 - Present

HarvardX

Agile Certified Practitioner (PMI-ACP)

04/2022 - 12/2025

Project Management Institute

Tableau Certified Associate

07/2019 - 07/2025

Tableau

AWARDS & SCHOLARSHIPS

Glenn/Roth Award for Exemplary Service

11/2024

Department of Defense Office of Inspector General

PROJECTS

AI-Powered Workforce Allocation System

08/2024 - 02/2025

Department of Defense Office of Inspector General

Led the development of an innovative AI-driven workforce planning platform that
transformed talent management processes and delivered significant cost savings through
intelligent automation and predictive analytics.

- **Technical Environment:** Python, SQL, Tableau, Scikit-learn, TensorFlow, NLTK
  - Machine Learning: LSTM Networks for Time-Series Forecasting, XGBoost for Attrition
    Prediction
  - NLP: BERT-based Models for Skill Extraction and Classification
  - Optimization: Linear Programming and Genetic Algorithms for Resource Allocation
- **Key Responsibilities:**
  - Architected end-to-end AI solution for workforce planning and talent allocation using
    microservices architecture
  - Developed and deployed LSTM neural networks for time-series forecasting of
    headcount needs
  - Implemented XGBoost models for employee attrition prediction with 87% accuracy
  - Designed BERT-based NLP pipeline for automated skill extraction from resumes and job
    descriptions
  - Built real-time predictive analytics dashboards integrating multiple ML model outputs
  - Collaborated with HR leadership to define requirements and ensure solution alignment

- **Key Achievements:**
  - Reduced organizational hiring costs by 20% through optimized talent allocation strategies
  - Improved headcount forecasting accuracy by 40% using advanced time-series modeling
  - Achieved 85% accuracy in predicting future talent needs and skill gap identification
  - Reduced manual analysis time by 60% through process automation
  - Successfully deployed solution across organization, establishing new standard for data-driven workforce planning

UkraineOversight.gov   02/2024 - 08/2024

Knowesis & Department of Defense Office of Inspector General

Spearheaded development of a comprehensive data visualization platform to enhance organizational oversight capabilities and drive data-informed decision-making.

- **Technical Environment:** Tableau, SQL, Data Integration Tools
- **Key Responsibilities:**
  - Led cross-functional team of web developers, data analysts, and policy experts in designing and implementing interactive dashboard solutions
  - Managed end-to-end dashboard development lifecycle from requirements gathering through deployment
  - Established data quality frameworks and validation processes to ensure accuracy of visualizations
  - Facilitated collaboration between technical teams and policy stakeholders to align deliverables with business objectives
- **Key Achievements:**
- Developed suite of interactive Tableau dashboards providing real-time insights into key performance metrics
- Implemented automated data integration processes to streamline dashboard updates
- Established best practices for dashboard design and development, ensuring consistency and usability
- Created comprehensive documentation and training materials to support user adoption
- Enhanced organizational decision-making capabilities through accessible, real-time data visualization

Disaster Management System   09/2018 - 08/2019

Knowesis

Architected and delivered an innovative disaster recovery management platform that revolutionized field data collection and real-time reporting capabilities, establishing new industry standards for disaster response operations.

- **Technical Environment:** AWS Cloud Infrastructure, iOS/Android Mobile Development, Power BI, GIS Integration, REST APIs
- **Key Responsibilities:**
  - Led end-to-end solution architecture and development of cross-platform mobile application and web-based reporting system

- Conducted extensive stakeholder interviews and requirements gathering sessions with subject-matter experts to define system specifications
- Designed scalable cloud architecture leveraging AWS services for centralized data management
- Implemented advanced GIS integration for real-time location services and interactive mapping
- **Key Achievements:**
  - Pioneered industry-leading solution that garnered multiple partnership opportunities with prominent engineering firms
  - Developed cross-platform mobile application enabling seamless field data collection across iOS and Android devices
  - Integrated real-time GIS functionality for automated navigation, distance calculations, and interactive mapping
  - Implemented Power BI dashboards delivering robust reporting and analytics capabilities via web interface

SKILLS

- Agile
- AWS Cloud Infrastructure
- BERT-based Models
- Big Data & Cloud Computing
- Business Intelligence and Analytics
- Business Intelligence & Strategy
- Data Analytics & Visualization
- Enterprise Integration
- GIS Integration
- Innovation Management
- iOS/Android Mobile Development
- LSTM Networks
- Machine Learning & AI Development
- NLTK
- Power BI
- Project & Program Management
- Python
- REST APIs
- Scikit-learn
- SQL
- SQL & Database Management
- Stakeholder Communication & Change Management
- Statistical Analysis & Predictive Modeling
- Tableau
- TensorFlow
- XGBoost