
DATA SCIENTIST

Portfolio: <https://danielramos-softwaredevelopment.github.io/website/>

GitHub: <https://github.com/danielramos-softwaredevelopment>

Dear Hiring Team,

I am writing to express my interest in the Data Scientist position on the Data Intelligence team at Conversion Logix. I am drawn to this role by the opportunity to work at the intersection of applied data science, probabilistic modeling, and real-world decision-making within a marketing technology platform that values rigid, experimentation, and measurable impact.

I am a software engineer with a strong foundation in Python, data processing, SQL, and API-driven systems, and I am actively transitioning deeper into applied data science and AI-focused work. I have hands-on experience building data-driven applications, integrating external data sources, transforming structured datasets, and developing systems that support analytics and intelligent decision-making. I am currently building a hybrid AI chatbot agent, which involves prompt engineering, model orchestration, API integration, and iterative testing—giving me direct experience with deploying intelligent systems and managing their behavior in practice.

My technical background includes Python-based application development, RESTful API integration, data transformation pipelines, and working with structured datasets using SQL and data modeling principles. I am comfortable designing clean, maintainable workflows that support experimentation, monitoring, and iteration—skills that translate directly to end-to-end data science and model deployment pipelines.

In parallel with my engineering work, I have been developing a strong interest in statistical modeling and probabilistic approaches to uncertainty-aware decision-making. I am actively studying Bayesian inference, hierarchical modeling, and time-series concepts, and I am particularly motivated by how Bayesian methods enable interpretability, partial pooling, and principled reasoning under uncertainty—capabilities that are essential for forecasting, attribution, and experimentation in marketing analytics.

What excites me most about Conversion Logix is the emphasis on rigorous modeling, causal reasoning, and production-grade data science. I am eager to grow into deeper Bayesian expertise while contributing immediately through strong software engineering fundamentals, data handling skills, and the ability to collaborate closely with engineering, product, and marketing stakeholders. I communicate clearly, document thoroughly, and take ownership of systems I work on, with a mindset focused on continuous learning and delivering real business value.

I would welcome the opportunity to discuss how my background in software engineering, applied data systems, and AI development—combined with my commitment to advancing my statistical and Bayesian expertise—could contribute to Conversion Logix's Data Intelligence team and long-term AI roadmap.

Thank you for your time and consideration.

Best regards,

Daniel Ramos