
MICHAEL BAER

Clifton, VA michael.baer.dc@gmail.com linkedin.com/in/mbbaer mbbaer.github.io

PROFILE

Strategic product and program leader with deep experience at the intersection of AI, risk management, and data-driven transformation. Proven track record scaling AI/ML initiatives from pilot-to-production, leading interdisciplinary teams across data science, engineering, and business. Adept at aligning AI strategies with business goals, modernizing legacy systems, and driving measurable impact across highly regulated environments.

EXPERIENCE

MANAGER; FANNIE MAE VIA POTOMAC POINT GROUP — 2022–PRESENT

- Led a cross-functional program to accelerate delivery of AI-power business tools to enhance enterprise risk monitoring across 3+ critical workflows.
- Structured product delivery roadmap, resource plan, and KPIs in collaboration with data science, engineering, and business leaders.
- Designed and implemented scalable ModelOps practices to integrate LLM-generated analysis into the multifamily data ecosystem.
- Enterprise Data Lead during the development of a new multifamily MBS platform, which issues over \$50B in MBS annually. Utilized deep technical knowledge to oversee analysis of legacy application, conduct parallel system testing, and provide overall product management vision for multiple delivery teams.

TECHNICAL ACCOUNT MANAGER; QUALTRICS — 2021-2022

- Managed technical delivery and customer success for Fortune 500 clients, advising on data integration, automation, and platform utilization strategies.
- Facilitated workshops between product, engineering, and customer success teams to advocate for client-requested features, playing key role in roadmap decisions and product beta evaluations.

PRODUCT OWNER; USAC — 2019-2021

- Led Agile delivery teams to develop operational dashboards, automate financial and compliance reporting, and integrate Python/SQL pipelines for improved audit readiness.
- Defined KPIs and success metrics for cross-department initiatives, leading roadmap planning to ensure the product backlog aligned with business and strategic priorities.

SENIOR ANALYST; TRELIANT RISK ADVISORS — 2016-2019

- Managed regulatory compliance projects at top-tier financial institutions, supporting exam readiness and data governance reviews.
- Delivered enterprise risk and control testing frameworks and created response dashboards for C-level officers to monitor health of compliance programs.

FINANCIAL ADVISOR; NORTHWESTERN MUTUAL — 2015-2016

- Provided financial planning and risk mitigation strategies for clients across investment and insurance portfolios.

EDUCATION

M.S. Computer Science; GPA: 3.7; Georgia Tech - Atlanta, GA

B.S. Economics; GPA: 3.9; George Mason University - Fairfax, VA

Project Management Professional (PMP)

SKILLS

- AI & Data Strategy – AI/ML lifecycle planning · ModelOps integration · LLM implementation · Cross-functional delivery leadership · Data-driven risk monitoring
- Product Leadership – Agile product ownership · User story development · Business case creation (Lean Business Case) · Backlog management · UAT planning · Roadmap delivery · Jira/Confluence
- Project & Program Management – Agile program execution · Strategic planning · Cross-team coordination · Forecasting and resource management · Stakeholder engagement · KPI tracking
- Data & Technical Proficiency – SQL · Python · Power BI · Tableau · Data pipeline design · Familiarity with ML libraries (scikit-learn, pandas, LangChain, MLflow)
- Platform Development & Automation – Power Apps · Low-code proof-of-concept · API integration · Full-stack understanding (Python, Java, HTML/CSS/JS)
- Regulatory & Risk Expertise – Compliance reporting frameworks · Enterprise risk controls · Regulatory familiarity: HMDA, TILA, RESPA, TRID, SCRA, Fair Lending, BSA/AML, UDAAP