



MICHAEL BAER

INNOVATOR



CONTACT

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SKILLS



python



java



sql



pandas



numpy



matplotlib



power bi



tableau



github



html5



css



javascript



android



ai/ml



aws

EDUCATION

M.S. COMPUTER SCIENCE, 3.7
Georgia Tech

B.S. ECONOMICS, 3.9
George Mason University

CERTIFICATIONS

PMP

Project Management Professional
Project Management Institute

CSPO

Certified Scrum Product Owner
Scrum Alliance

PROFESSIONAL PROFILE

Entrepreneur and forward-thinking technologist. Passionate about leveraging technology to solve complex problems and drive strategic initiatives within the finance industry.

EXPERIENCE

2022 - Present

MANAGER | POTOMAC POINT GROUP

Lead Data Partner and Technical Product Owner for the Multi-family Data Warehouse at a top GSE. Improves data accessibility and platform efficiency through cross-functional delivery. Managed productionalization of AI use cases for the Data Science team, resulting in \$5M annual cost savings. Led development of a \$50B+ MBS platform, overseeing legacy system analysis, parallel testing, and agile execution. As a Management Consultant for a top national lender, streamlined an affordable lending platform by building a scalable deal execution framework that standardized 20+ processes and controls.

2021 - 2022

TECHNICAL ACCOUNT MANAGER | QUALTRICS

Used Natural Language Processing (NLP) and AI tools to build data models and deliver actionable insights for Fortune 100 clients, driving over \$3M annual ROI by eliminating customer pain points. Created data visualizations to identify trends in "big data" and improve strategic decision-making. Partnered with product, engineering, and sales teams to shape product roadmaps, refine go-to-market strategies, and advocate for client needs. Contributed to beta testing, influencing the development of new features and enhancing overall user experience.

2019 - 2021

PRODUCT OWNER | USAC

Product Owner and Team Lead of a six-member Agile delivery team. Automated business operation reporting using Python and SQL. Streamlined project status, budget forecast, and KPI/KRI monitoring. Oversaw 10 external audit contracts as lead project manager and quality assurance reviewer.

2016 - 2019

SENIOR ANALYST | TRELIANT RISK ADVISORS

Strengthened financial institutions' regulatory compliance programs serving as project manager, data manager, and lead data analyst. Managed large-scale compliance reviews, coordinated regulatory exam preparation, and implemented compliance training program reviews.

2015 - 2016

FINANCIAL ADVISOR | NORTHWESTERN MUTUAL