

**Darrin Williams**

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**SUMMARY**

Strong leader with over 25 years of experience in banking working with transformation, risk, advanced analytics (AI/ML) and data. Excellent track record as a strategic innovator and leader in both consulting and industry within banking.

**CAREER EXPERIENCE**

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**Global Economics Group – Financial Services Consulting October 2023 – Present****Principal, Data and AI**

Leading the go to market effort and solution development for Data and AI in banking and capital markets.

- Develops strategy and market focus for banking sector across risk, compliance, and digital transformation leveraging data and AI.
- Develops data and AI solutions including Generative AI Risk Management, AI Focused Financial Crimes, Corporate Banking AI and Data Strategy, Model Risk Management, Profitability Methodologies and Risk Platforms.
- Leads data and AI alliance strategy with large technology firms and Fintechs.

**Accenture – Applied Intelligence March 2020 – March 2023****MD, Head of Banking AI, NA**

Led the NA Applied Intelligence group for the banking sector responsible for the NA book of business.

- Develops strategy and market focus for banking sector leveraging the Applied Intelligence ecosystem of assets as well as strategic alliances with large technology firms and start-ups.
- Manages 5 market units across NA including sales, revenue, and pipeline as well as recruiting and team development.
- Leads strategic and technical development of key assets supporting market plays including data powered banking, AI scaling in the cloud, and AI model risk management.
- Leads AI for commercial and SMB banking focusing on an AI powered credit risk lifecycle integrating data and AI solutions into lending platforms.
- Coauthor of “From experimental to exponential AI: Built to Scale in Wealth Management” and “Keeping AI in Banking Fair”

## **Ernst & Young, LLP - NY Financial Services October 2011 – February 2020**

### **Principal, Artificial Intelligence (AI) & Advanced Analytics (AA)**

Led the development of the AI capabilities for financial services from ground floor inception to its current state as a major book of business.

- Develops EY strategy for AI by infusing these transformational capabilities into new and existing EY service offerings through push-pull model.
- Develops EY center of excellence using open sourced technologies and grows AI team to nearly 90 data science professionals through recruiting and training of internal resources.
- Develops scaling strategy pushing multi-tier delivery model and a 1:5:10 resource capability model.
- Designs EY's marketing on AI and document intelligence and a regular speaker at conferences and industry forums.
- Leads AI alliance strategy for FS with large technology firms and smaller technology start-ups.
- Leads Document Intelligence for EY that competes directly with technology firms as well as other large consulting firms.
- Conducts strategy consulting with large banks and insurance companies to scale and maximize value from AI across the enterprise.

### **Executive Director, Credit and Capital Analytics**

Co-lead 150 professionals focused on stress testing and capital related analytics, model risk management, and technical validation. Responsible for building team's strategic direction, developing go-to-market capabilities, and expanding client relationships across a diverse set of financial institutions.

- Develops stress testing models for credit risk losses across commercial and retail portfolios for large commercial and trust banks.
- Designs and builds PPNR (balance sheet and income state) forecasting and stress testing models across both the banking and trading book for FBOs and large commercial banks.
- Develops CCAR governance processes including effective challenge, model risk transparency, uncertainty assessment, documentation, and board reporting.
- Builds model risk management framework, governance, and validation functions consistent with SR 11-7 including the supporting infrastructure and implementation.
- Conducts model validation and model risk uncertainty analysis across CCAR firms covering credit risk, operational risk, and PPNR models.
- Conducts capital optimization assessments identifying opportunities to lower RWAs through enhanced methods and alternative rule application.
- Interacts with senior management and presents complex concepts and results to executive risk and capital committees.

## **HSBC November 2004 – October 2011**

### **Head of Independent Validation and Review, SVP**

Head of unit responsible for conducting independent validations and reviews of ICAAP, stress testing models, operational risk LDA models, Pillar I capital reporting, Basel II Pillar I models, BAU retail models, and economic capital models developed across HSBC North America. Successfully develops independent validation framework starting from its initial, conceptual stages to its full integration into the risk management culture.

- Maintains strong relationship with US regulatory groups; recognized by FRB/OCC as having an industry leading process.
- Maintains exceptional reputation with regulatory agencies as an industry leader in oversight and risk management.
- Manages team of highly-technical, seasoned staff (20 FTE) that interacts directly with model owners and model sponsors by conducting assessments of the units' models supporting Basel II, regulatory capital, and economic capital.
- Develops strategy and infrastructure to support validations and reviews by constructing policy, validation routines, statistical tests, management reporting, and analytical capabilities.
- Effectively manages cultural changes within organization as the concept of Independent Review is integrated into existing model development and validation processes.
- Communicates assessments, findings and recommendations to senior and executive management.
- Provides validation support to regions globally including Latin America, Middle East, and Asia.
- Maintains knowledge of changing regulatory requirements regarding Basel II (US, OSFI, FSA, HKMA, and SAMA).
- Maintains knowledge of industry practices related to model development and validation.

## **Ernst & Young, LLP - NY Risk Management Practice June 2001 – October 2004**

### **Senior Manager**

Senior Manager in Ernst & Young LLP's Risk Management and Regulatory Practice specializing in credit risk and economic capital with experience in the areas of risk identification, measurement, and management. Responsibilities include developing and assessing complex credit risk management frameworks while managing large-scale implementation teams of quantitative, IT, and credit-related resources. Projects require exceptional oral and written communication skills and involve significant interaction with senior and executive management including CCOs, CROs, CFOs and line-of-business heads.

- Develops products and services through various thought leadership initiatives and actively participates in sales cycle including orals with potential clients.
- Develops and applies portfolio modeling techniques to support economic capital and RAROC frameworks for diversified financial services entities and large banks.

- Develops credit risk measurement and management framework for large reinsurance company including risk reporting and risk appetite processes.
- Conduct retail current state gap analyses and remediation planning for large regional and money center banks as it relates to credit practices, Basel II requirements, loss quantification, and risk controls.
- Conduct facilitated sessions with central and line-of-business credit risk management officers to understand current state and co-develop recommendations related to the current state. Develop project plans with key stakeholders and senior management to address key dependencies, timing, and costs.
- Responsible for development of credit team including hiring, development and training of E&Y personnel including college graduates (undergraduate and graduate) and senior hires (10-20 years of experience) from banking institutions and regulatory agencies.
- Coauthor of RMA article series on credit risk management, Credit Risk Measurement: Avoiding Unintended Results, Weighting on Defaults – Knowing Your Institutions Default Metrics, May 2004 and Loan Loss Reserves and Expected Loss October 2004.
- Coauthor of article in 2003 Risk International Yearbook (RiskWaters), Capturing and Insurer's Credit Risk.

### **US Bancorp, Minneapolis October 2000 – May 2001**

#### **RETAIL CREDIT RISK ASSESSMENT OFFICER**

Credit Risk Assessment Officer responsible for planning, conducting, and supervising assessments of retail loan portfolios and related credit processes. Responsibilities also include performing due-diligence procedures on commercial lines to consumer finance companies and financial institutions collateralized by retail credit assets.

- Assist in the development of the annual plan, policies, and the overall objectives of the assessment division.
- Forecast the credit quality and profitability of diverse loan portfolios based on credit/behavior scores, vintage analysis, roll rate models, migration analysis, segmentation analysis, and historical delinquency and loss rate trend analysis.
- Provide assessment of supporting credit management processes including underwriting, account management, risk-based pricing, early warning, collections, scorecard management and validation, portfolio purchases and sales, loan policy development, payment risk management, and fraud prevention.
- Present assessment and recommendations to product and risk managers within the business units as well related senior credit officers.
- Perform portfolio reviews within the commercial lending areas and workout groups to support collateral evaluations for new relationships and covenant compliance for existing relationships with consumer finance companies and financial institutions. Companies represent mortgage finance, private label card, and manufactured housing industries.
- Develop comprehensive coverage analysis between Risk Assessment and Internal Audit

**Ernst & Young, LLP Minneapolis May 1996 – October 2000**

**FINANCIAL STATEMENT AND INTERNAL AUDIT SENIOR**

Supervise teams ranging from two to eight members; responsible for audit planning, risk assessment, and annual audit reporting for banking and consumer finance companies varying in size from \$180 million to \$80 billion in assets.

- Conduct financial statement audits for numerous clients including large and small banks, specialty banks (credit cards), and subprime consumer finance companies.
- Supervise and execute audit and process improvement projects related to corporate and operational functions and develop process-based findings, recommendations, and action plans with management including senior product and operations managers, finance managers, and senior vice presidents.
- Supervise and participate in due diligent procedures for an acquisition of a subprime auto finance company by a money center bank.
- Supervise and participate in loan covenant compliance project providing observations and conclusions leading to changes in covenant agreements.
- Supervise and participate in loan portfolio review procedures related to asset securitization and loan funding.

**EDUCATION**

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University of St. Thomas, St. Paul, MN

Double Major: Finance and Accounting

Bachelor of Science, Accounting 1996

Continuing Professional Education: Includes industry forums and additional training in natural language processing, machine learning, knowledge graphs, and other technologies.

Professional Certifications: AWS Applied Practitioner

Certified Public Accountant - 1998