AHMED ELSHAMY

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Summary

Experienced professional specializing in implementing cutting-edge technologies related to the usage of **Artificial Intelligence** and **Machine Learning** to streamline administrative and operational procedures, digitize data, and improve financial institutions.

My expertise in Risk Management as a Service (RMaaS) and broad understanding of Finance and Risk Management equip me to provide accurate financial data analysis and analytics to drive businesses forward while mitigating associated risks. Skilled in dynamic, fast-paced environments with a commitment to delivering value through effective risk management and data-driven decision-making.

Skills

- Financial and Quantitative Modeling | FinTech | RegTech | Forensic Investigations | Risk Management | Fraud Management | FMaaS | Banking | Product Management | Data Analysis & Analytics | GenAI
- Microsoft Office | Excel | Power BI | Azure | Copilot | Tableau | SAS | IBM | Oracle
- Python | R | SQL | DAX | VBA | Arabic, English – *All professional proficiency or above*

Work Experience

Senior AI & Fraud Specialist - Product Management (SERV) - Global 🌐	[**mastercard**](mastercard)	*New Cairo, Egypt*	**12/2023 - Present**

- Managed a portfolio of over 55 banks worldwide, including the top 12 key banks in the **Middle East** region, enhancing customer performance visibility in risk management across diverse portfolios.
- Helped in the development of a comprehensive fraud risk management strategy applicable to the entire Mastercard Issuer Security Solutions users' portfolio, significantly elevating customer knowledge and engagement with Mastercard's suite of fraud solutions.
- Led the **Innovation Week Cairo Office - EEMEA 2024** initiative, showcasing leadership in shaping and energizing the event through dedication and creativity.
- Pioneered the development of "**Power DI**", an innovative Excel/Power BI hybrid model, maximizing and optimizing the use of Mastercard's fraud prevention tools by connecting and visualizing internal transactional summaries in an interactive dashboard for decision-makers.
- Collaborated with product owners to develop the newly-issued "**FMaaS - Fraud Management as a Service**" program, ensuring the delivery of optimal product parameters to Mastercard's clients and leveraging the Mastercard network for enhanced authorization strategies.
- Proactively engaged with customers to understand their needs and experiences, conducting in-depth analysis of risk management performance and trends to pinpoint opportunities for service enhancement.
- Crafted impactful regional case studies and reports for integration into both internal and external communications, further strengthening Mastercard's position in fraud prevention and risk management.

Key responsibilities include:
- Proactively engaging with customers to understand their needs and experiences, pinpointing opportunities for service enhancement
- Conducting in-depth analysis of customer risk management performance and trends .
- Collaborating closely with regional and global products leads to facilitating customer engagement and channel feedback into product development and management.
- Identifying opportunities for cross-selling within the AI fraud solutions array.
- Direct collaboration between my team and the Data Scientists/Engineers to facilitate the on-going development of the DI ML Model.
- Crafting regional case studies and reports for integration into both internal and external communications.

Fraud Risk Management Officer [E-Payment FRM Unit, Issuer]	[**CIB Egypt**](CIB Egypt)	*Cairo, Egypt*	**08/2021 - 12/2023**

- Led the Fraud Analytics initiative to revamp the analytical model of fraud detection and prevention including the development process of the **Enterprise Fraud Solution.**
- Prepared and analyzed day-to-day and time-to-day reports for Stakeholders and Board Members, providing comprehensive summaries of FRMU activities.
- Utilized internal systems for dynamic reporting and data extraction, maximizing business intelligence outcomes.
- Analyzed and investigated suspicious authorizations, swiftly taking action to mitigate fraud risk using fraud-monitoring tools such as **Mastercard Fraud Products (Issuer Security Solutions)**, and **Visa Risk Manager (VRM)** .
- Developed and fine-tuned fraud detection methods, improving detection rates and reducing false-positive rejections.
- Established positive relationships with external law enforcement agencies to support fraud investigations.
- Coached and trained staff on fraud prevention techniques to increase awareness and reduce risk.

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Senior Universal Teller *New Cairo, Egypt* **11/2018 - 08/2021**

- Handled all cash and non-cash day-to-day operations.
- Suggested new SOP instructions to be modified based on current operations analysis and room for improvement(s).
- Acted as a Head Teller in the absence of my manager to lead multiple operation teams with excellent proficiency.

Program and Development Consultant | [Hub of Finance Transformation](#) | *Dubai, UAE [Remote]* | **04/2022 - 07/2022**

- Created learning materials for HOFT students, including articles, presentations, and notes.
- Guided students through program/curriculum selection based on their needs and interests.
- Advised marketing strategies to enhance program modules and generate revenue.

Education

Masters of Business Administration (MBA) | [Collège de Paris - Ascencia Business School](#) | *Paris - France* | **2024- Present**

- Dual Degree MBA - Affiliation between Ascencia Business School, RB College of United Kingdom and College de Paris.

Masters of Business Administration (MBA) | [Royale Business College of the United Kingdom - RBC-UK](#) | *Oxford, United Kingdom* | **2024- Present**

- The MBA program offered by **Royale Business College UK** is a comprehensive postgraduate degree designed to equip learners with advanced business management and analytical skills, awarded by **OTHM Accreditation**.

Certified International Financial Planning and Analysis (CIFPA)™ Diploma | [European International University - Paris](#) | *Paris - France* | **2024- Present**

- The **CIFPA™** Diploma by **HOFT Academy**, endorsed and approved by the prestigious **European International University - Paris (EIU-Paris),** is meticulously crafted to equip participants with cutting-edge strategic skills. Over 6,000 professionals worldwide have already transformed their careers through HOFT Academy's highly acclaimed programs.

Bachelor of Commerce and Business Administration | [Helwan University](#) | *Cairo, Egypt*

- Major in **Accounting** - *Assisted and volunteered in participation of General Accounting Courses among top 100 students for three consecutive years.*

Certifications

ExploreAI Academy & ALX Africa::
- [Data Science Programme.](#)

Corporate Finance Institute::
- [FPWM™ Financial Planning & Wealth Management Professional.](#)
- [FMVA® - Financial Modeling & Valuation Analyst.](#)
- [BIDA® - Business Intelligence & Data Analyst.](#)
- [CBCA® - Commercial Banking & Credit Analyst.](#)

Other Certifications:
- [SAS Certified Statistical Business Analyst using SAS 9: Regression and Modeling.](#) *SAS*
- [Google Advanced Data Analytics Professional Certification.](#) *Google*
- [Data Science for Investment Professionals Specialization.](#) *CFA Institute*
- [CFA® Investment Foundation Certification.](#) *CFA Institute*
- [IBM Data Analyst Certification.](#) *IBM*
- [Forensic Accounting and Fraud Examination](#) *West Virginia University*

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Tutoring & Instructing

- **Hub of Finance Transformation - HOFT Academy** : Collaborated with HOFT to present multiple FP&A, XP&A and Generative AI programs for middle to senior management finance professionals.
    - [Certified Chief Financial Officer (C-CFO)™](#)
    - [Certified International Financial Planning and Analysis (CIFPA)™](#)
    - [Certified Chief Strategy Officer (C-CSO)™](#)
    - [ChatGPT & Generative AI for Finance Professionals](#)

- **Almentor.net** : Collaborated with Almentor platform to present multiple Business and Risk Analytics courses for the masses in **Arabic** and **English**.
    - [Business Analysis for Financial Institutions (Phase 1)](#)

- **WellGrow Learning Academy** : Designing and facilitating multiple GenAI and Machine Learning programs and courses for over **45 companies** in **Egypt** and the **middle east** in both **Arabic** and **English** languages
    - [Ai Strategies for Business Transformation](#)

- **E Youth Learning** : Collaborated with E Youth platform to present **AI for Finance: The Fundamentals** course in **Arabic** for the Middle East market.

- **E3mel Business Academy** : Collaborated with E3mel Business platform to present **[Applications of Artificial Intelligence in Finance](#)** course in **Arabic** for the GCC Market.

- **AMIT Learning** : In coordination with the **Ministry of Communication and Information Technology** in Egypt, and **Google**, I'm leading multiple groups and clusters under the **Digital Egypt Pioneers Initiative - DEPI** to teach next-generation youth and equip them with the latest skillset to conquer today's digital world. Curriculum is based on the famous **Google Data Analytics certification**.

- **FEPS Business Incubator** - **Cairo University** : Presented multiple business analysis workshops for students and fresh graduates.
    - [Business Analysis in FinTech: Demystification and Best Practices](#)