

Ali Esmaelpoor

Ph.D. Student in Information Technology Management (Intelligent Business Systems)

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Education

Ph.D. Student – Information Technology Management (Intelligent Business Systems)

Islamic Azad University – Science & Research Branch, Tehran (In Progress)

MBA – Capital Markets (Financial Management) – Kharazmi University (2020)

MBA – Strategic Management – Payam Noor University (2014)

B.Sc. – Software Engineering – Payam Noor University (2002)

Research Interests

Data Science • Machine Learning • Data Literacy • Data Culture • Artificial Intelligence in Business Systems
• Business Intelligence (BI) • Data-Driven Decision Making • Digital Transformation • Educational Technology • Financial Literacy

Academic & Research Experience

- **National Financial Literacy Survey – DigiPay (2024)**
Led a nationwide survey (**26,000 participants**) analyzing behavioral and demographic factors influencing financial decision-making in Iran.
- **Financial Literacy for Youth – Publications & Game Design (2015–Present)**
Founded *Kandoo* (Children & Youth Division, Iran SEO); translated **10 international books** on personal finance for youth; designed **FiQ**, a tabletop card game that teaches financial literacy through interactive play.
- **Everlasting Stories – AI-based Narrative Therapy Engine (2010–2012)**
Created a dataset of **4,500 short educational stories**; developed a rule-based recommendation algorithm personalizing story delivery using personality traits and feedback — a **pre-machine-learning narrative therapy system** integrating education and psychology.
- **Comprehensive Success Software – Multidimensional Life Skills Model (2008–2009)**
Developed an **award-winning multimedia program** teaching life and success skills through a multidimensional behavioral model (time management, financial literacy, mindset, stress, communication, and personal growth).
Recognized as **Best Family-Oriented Educational Software** at the *Iran Digital Media Festival*.
- **Digital Publishing Workflow – Iran SEO (2015–2022)**
Designed a **zero-cost, folder-based digital workflow** to manage publication stages of **150+ financial titles**, simplifying team coordination and tracking across departments.
- **Early Digital Innovation (2000–2010)**
Developed over **30 national-scale IT and cultural digitization projects**, including Iran's first **Quranic site search engine (quransite.ir)**, academic digital libraries, and the *Islamic Virtual University Portal*. Recognized among the early innovators of Iran's digital transformation movement.
- **Digital Library – Seraj.ir (2002–2005)**
Created a **digital archive of 80,000+ academic and Islamic research articles** with metadata indexing and full-text access (ASP, SQL Server).

- **Advanced Web-based Thesaurus System (2004–2005)**
Built a **hierarchical thesaurus platform** with infinite branching linking subject trees to books and articles.
 - **Book Citation Analyzer – Ministry of Culture (2005–2006)**
Implemented a **citation linkage system** connecting books and academic papers; officially recognized by the *Minister of Culture* for innovation in digital publishing.
 - **AI & Data-Driven Research (Ongoing)**
Designing machine learning and data analytics models for intelligent decision-making, behavior prediction, and adaptive learning in financial literacy and digital culture contexts. Focus on pattern extraction, model evaluation, and AI adoption in education.
 - **Bio Management (Ongoing Research)**
Developing a conceptual and computational framework for “**Management Based on Nature**”, integrating biological system logic into organizational learning and decision-making.
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Selected Technical Projects

i18.ir — Stock comparison & crowd-insight platform
Hooshtalk.ir — AI news portal
SkyCRM — CRM for SMEs (C#.NET, SQL Server)
Scan Studio — Document automation system
Everlasting Stories — AI-based educational story engine
Backpack — Award-winning multimedia education suite (1,600+ modules)
Fi360 Program — Gamified financial literacy content for youth
QuranSite.ir — Iran's first Quranic search engine (2006)

Honors & Achievements

- **Award Recipient** – *Backpack* Multimedia Education Suite (*Iran Digital Media Festival*)
 - **Patent Holder** – *Smart DVD Pack & Medication Reminder*
 - **Top Technologist** – Qom Province (2008)
 - **Governor's Commendation** for Software Innovation
 - **Recognized** by *Ministry of Culture* for Digital Publishing Innovation
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Professional Roles (Historical)

CEO – Green Software Co. (2005–2010)

Directed cross-functional teams in multimedia software, digital libraries, and e-learning projects.
Delivered 20+ software solutions for education, religion, and cultural organizations.

IT Consultant & Developer – Islamic Global Center & ParsA Institute (1999–2005)

Designed and implemented academic portals, digital archives, and online databases for universities and research institutions.

Technical Skills

Python (Pandas, NumPy, Scikit-learn) • Machine Learning • Data Science • Data Analysis & Visualization • Power BI & BI Dashboards • SQL Server / MySQL • PHP / C#.NET • AI Integration in Learning Systems • Project Management