

Shayan Ekramnia

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Summary

Accomplished data science specialist and developer with over 4 years of experience in driving organizational success through data-driven insights and enterprise software solutions. Proficient in machine learning, data analysis, and database management, with expertise in Python, SQL, and enterprise software frameworks. Proven success in developing SAAS applications, custom software solutions, and driving data-driven insights to enhance business productivity and efficiency. Skilled in leading high-impact projects and delivering measurable improvements.

Experience

Vira Vision Co. | Esfahan, Iran

Business Data Analyst & Software Engineer | 06/2018 - 10/2022

- Developed and implemented data-driven SAAS business applications, including CRM, ERP, and supply chain management software.
- Created custom analytics solutions to enhance customer decision-making, increasing data-driven insights by 30%.
- Performed software testing, provided 24/7 client support, and developed future software development plans.
- Conducted comprehensive data analysis to optimize marketing, sales, human resources, and accounting, improving overall business metrics by 25%.
- Designed and deployed machine learning models to predict customer behavior, resulting in a 20% increase in retention rates.
- Led the development of advanced data visualization tools using Tableau and Power BI, enabling clearer business insights and improved strategic planning.

Skills

Data Science & Machine Learning:

- **Machine Learning & Deep Learning:** TensorFlow, PyTorch, Scikit-Learn, Keras, XGBoost
- **Data Analysis:** Pandas, NumPy, SciPy, Matplotlib, Seaborn, Plotly, Excel, Google Sheets
- **Big Data:** Apache Spark, Apache Kafka, Hadoop
- **Database Management:** MySQL, Cassandra, SQLite
- **Data Engineering:** Airflow, Kafka, Databricks, Snowflake, ETL Pipelines
- **Computer Vision:** OpenCV, YOLO, Detectron2
- **Business Intelligence & Visualization:** Tableau, Power BI

Programming Languages:

- Python, PHP, JavaScript (Intermediate), SQL, HTML & CSS

Web Development:

- **Server Management:** Nginx, Apache, Docker, AWS
- **UI & UX Design:** Figma, Adobe XD
- **SEO:** Google Analytics, SEMrush, Yoast SEO

Management:

- **Project Management:** Agile, Scrum, Kanban, Trello, Asana, Monday
- **Team Management:** Leadership, Conflict Resolution, Performance Evaluation, Mentoring, Coaching
- **Product Management:** Roadmapping, User Story Mapping, A/B Testing, MVP Development

Soft Skills:

- **Communication:** Effective Writing, Public Speaking, Negotiation, Active Listening, Interpersonal Skills
- **Problem-Solving:** Analytical Thinking, Critical Thinking, Root Cause Analysis, Creative Problem Solving
- **Resilience:** Adaptability, Stress Management, Emotional Intelligence, Growth Mindset
- **Responsibility:** Accountability, Time Management, Prioritization, Dependability

Education

University of Naples Federico II (UNINA) | Naples, Italy

Master of Data Science | 10/2025

- Majored in Machine Learning and Data Analysis
- Relevant Coursework: Advanced Machine Learning, Data Mining, Big Data Technologies, Statistical Learning & Data Analysis, Database Management, Advanced Programming, Ethics of AI

Isfahan University of Technology (IUT) | Esfahan, Iran

Bachelor of Engineering | 03/2020

- Served as Head of Engineering Scientific Association for the 2018 to 2019 academic year
- Relevant Coursework: Computational Methods, Statistics, Mathematics, Algebra

Projects

- **Neighborhood Analytics Model** | Fater S.p.A & UNINA 2024
Developed an accrue model to estimate the potential for new stores in the baby diaper category, improving market expansion strategies.
- **Business Intelligence Strategies** | ViraVision Co. 2021
Conducted a 13-year data analysis to optimize sales and marketing strategies for the food production and distribution industry.
- **AI-based COVID-19 Prediction Software** | ViraVision Co. 2020
Created AI software to predict and diagnose COVID-19 infections among 28000 employees of 18 Companies, reducing infection rates by 40%.

Languages

English (Fluent), Persian (Native)

Certificates

Professional project management | QAL UK Academy, Business Administration | Tehran University

Awards

Chosen as the elite of the technology | INEF 2020

- Iran's national elites foundation