

Ramin Mardani

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📁 Work Experience

Senior Data Scientist

SS&C Technologies

📅 Mar 2022 – Present

📍 Toronto, Canada

- Design and implement NoSQL ecosystem to handle petabyte data with high-speed response
- Write production-level code and build scalable data pipelines in cloud environments
- Work across business lines to design and implement data models and schemas
- Build/improve data-driven models using statistical and machine learning techniques
- Advise and guide clients on how to realize the benefits of our solutions
- Communicate results and ideas to critical decision-makers using effective data visualization techniques

Senior Data Scientist

Voices.com

📅 Oct 2021 – Mar 2022

📍 London, Canada

- Select, measure, and visualize metrics that align the organization strategically
- Build prototypes of models that can be implemented to improve Voices' product and/or internal processes
- Provide analytical expertise to support departments such as Product, Technology, and Sales, as well as the organization as a whole
- Support the development of business plans by forecasting outcomes, creating and governing company targets, and narrowing the knowledge gap between potential actions and results

Data Analyst & Data Engineer

Voices.com

📅 Sep 2020 – Oct 2021

📍 London, Canada

- Help solve organizational problems through the identification of the right information to analyze, methods to use, and communication of findings to key stakeholders
- Develop, test, and maintain data warehouse tables
- Align database architecture with business requirements
- Manage processes to automate table generation
- Identify ways to improve data reliability, efficiency, and quality

Data Scientist

Ilia Co.

📅 Sep 2014 – May 2017

📍 Tehran, Iran

- Collect and analyze data, and having in-depth research in order to develop data-driven marketing strategies and plans
- Deliver beneficial insights for business development, operations, and finances; evaluated and improved marketing metrics
- Work with fellow Data Scientists on the development and implementation of new data mining techniques, ensure that all policies and procedures were fully followed

🎓 Education

Masters of Mechanical Engineering (Computational Science)

University of Toronto

📅 Sep 2018 – Aug 2020

📍 Toronto, Canada

Masters of Data Science

Sharif University of Technology

📅 Sep 2015 – Sep 2017

📍 Tehran, Iran

Bachelor of Engineering

Azad University of Tehran

📅 Sep 2010 – Sep 2014

📍 Tehran, Iran

📈 Projects

AI Micro-services - SS&C Technologies

- These micro-services varied from OCR, table detection, sentiment analysis, Chatbot, ML training workbench, and Named Entity Recognition (NER).
- I was responsible for creating the back-end and front-end for each micro-service and deploying them on the SSC Linux box. These tools serve more than 15,000 clients around the world.

Recommendation System - Voices.com

- I worked on designing a new Machine Learning recommendation system at Voices. This recommendation system invites voice-over talents for related jobs based on historical data. This project required new history tables, simulation of current and proposed system, A/B testing, and adding this ML model into production. The main tools I used for this project were Python and SQL.
- I supervised 2 interns on 7 months contract through various objectives, facilitating their analytics MASc degree with lesson plans, objective work, and guidance for the duration of the contract; received positive feedback about progress.

Talent Churn Analysis - Voices.com

- I worked on creating an interactive Tableau dashboard that shows talent churn indicators based on different subscription plans. The prediction of churn in this dashboard had less than 2% error. The main tools I used for this project were Tableau and SQL.

Fraud Prediction Model - Voices.com

- I worked on Designing and executing a fraud prediction model using Python and random forest modeling to detect fraudulent activity on the Voices platform; identified fraudulent activity with over 90% accuracy, saving the company over \$20,000 in transaction fees.

🔧 Skills

Python, SQL, R, Java Script, Git	●●●●●●
Google Cloud, AWS, CI/CD, React JS	●●●●●●
Spark, TensorFlow, Keras, PyTorch	●●●●●●
Tableau, Power BI	●●●●●●
Teamwork, Project Management, Problem Solving	●●●●●●