**ELMADDIN KARIMOV** **Tel:** 647-770-2002

**E-mail:** [nasirsoy@gmail.com](mailto:nasirsoy@gmail.com)

**Web:** [https://elmaddinkarimov.github.io](https://elmaddinkarimov.github.io/)

**GitHub:** <https://github.com/elmaddinkarimov>

**LinkedIn:** <https://www.linkedin.com/in/elmaddinkarimov>

**SKILLS**

* IT professional with experience in Software industry as **Data Analyst**
* Extensive experience in analyzing, manipulating, cleansing and validating data using **SQL**, SQL Alchemy, **Python** (Pandas, NumPy, Matplotlib), **VBA**, HTML/CSS, **JavaScript** (D3.js, Leaflet.js), API Interactions, Social Media Mining, Advanced Statistics, Tableau, Hadoop, Machine Learning
* Strong experience in **Data Analysis**, Data Profiling, Data Migration, Data Mining, Data Cleansing, Data Conversion, Data Visualization, Data Quality, Data Integration, Metadata, Data Mapping and Data Modelling
* Significant technical skills include **SQL** (Aggregate Functions, Sub-Queries, Joins, Group Functions, Single Row Functions), **MS Excel** (VLOOKUP, Pivot table, Index, Match, IF Statements, PowerPivot), MS SharePoint, MS Outlook, MS Word, MS PowerPoint
* Significant knowledge in creating dashboard using BI tool - **Tableau**. Create Data Architectural Landscape Diagram using **Visio**
* Deep knowledge of programming languages in order to reading complex code and functions including **Phyton and Java**
* Experience in presenting data in the form of charts, graphs, tables, designing and developing relational databases for collecting data
* Superior oral and written communication skills; proficient in documentation, analysis, and reporting, mathematical, and creative problem-solving skills

**EDUCATION**

**GANJA STATE UNIVERSITY – Bachelor’s Degree, Mathematics and Informatics**

**UNIVERSITY OF TORONTO - Data Analytics and Visualization**

**Skills / Technologies:**   
 • Advanced MS Office • ETL

• Java • JavaScript (D3.js, Leaflet.js)

• Python (NumPy, Pandas, Matplotlib, Seaborn) • R

• API Interactions • Tableau

• Advanced SQL-SQL Alchemy • Machine Learning

• Advanced NoSQL-MongoDB • Big Data with Hadoop & Spark

• HTML/CSS • Advanced Statistics

• Web Scraping (Beautiful Soup) • Deep Learning

• Social Media Mining • Git / GitHub

**PROFESSIONAL EXPERINCES**

**DATA ANALYST**  May 2018-December 2018

*Scotiabank*  Toronto, ON

* Processed large set of data for analysis and prepared reports based on extensive qualitative and quantitative data analysis
* Worked with a large set of data, identify trends within large data sets, categorizing patterns, and providing feedback to technology owners to help improve data quality.
* Manipulated data using advanced **SQL** queries includes Aggregate Functions, Sub-Queries, Joins, Group Functions, Single Row Functions
* Extracted data using SSIS from XML, Oracle and flat files, Excel perform transformations and populate the data warehouse
* Performed Data Mapping between source systems to target systems, logical data modeling, created diagrams and used SQL queries to filter data
* Involved in creating/modifying reports using **Tableau** Reporting Tools
* Provided useful actionable analytical insights for clients to enhance their customer lifecycle management.

Environment: Machine Learning, Phyton, SQL/Server, Oracle, MS-Office, Tableau

**DATA ANALYST** Sep 2017 - April 2018

*Vena Solutions* Toronto ON

* Worked with data source systems and client systems to identify data issues, data gaps, identified and recommended solutions
* Designed reports in **Excel** using advanced functions not limited to VLOOKUP, pivot tables, formulas. Used **SQL** to validate the data going in to the Data Warehouse
* Imported, cleaned, transformed and validated data with the purpose of understanding the data for decision making purposes
* Worked with Data Warehouse Extract and load developers to design mappings for Data Capture, Staging, Cleansing, Loading, and Auditing
* Performed data mapping, data mining, extracting, transforming & loading from source systems to internal system to facilitate various tasks of data migration
* Created dashboards to facilitate data visualization for higher management
* Troubleshooted resolved and escalated data related issues and validating data to improve data quality
* Created pivot tables and charts using worksheet data and external resources, modified pivot tables, sorted items and group data, and refreshed and formatted pivot tables
* Prepared reports by collecting, merging, analyzing, and summarizing information

**DATA QUALITY ANALYST**   April 2016 - May 2017

*Celestica Inc.*  Toronto, ON

* Performed Data Entry and maintained data integrity on multiple information systems
* Processed solar manufacturing data for analysis with **Excel, SQL, Access**, or ODC prepared reports
* Review and respond to internal and external audit findings in order to implement procedures that meet or exceed expectations.
* Extracted/consolidated information from sources, manipulated data to explore production behavior
* Validated data extraction/loading process to ensure a complete transfer from its source to system
* Manipulated data using advanced **SQL** queries includes Aggregate Functions, Sub-Queries, Joins, Group Functions, Single Row Functions
* Designed and built reports, dashboards, Gamma chart, graphs and tables using Excel, Access.
* Created inspection plan for incoming solar materials using Excel and performed first article inspection and released to production
* Performed a presentation to management team with findings and improvement recommendation.
* Worked with other Celestica facilities to deliver common high-quality solutions