

Oleg Solovyev

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Professional Overview

Certified Predictive Models developer with experience in Data Warehouse development. Seven years in IT industry. Completed five projects for Russian and US companies. Seeking position to establish or improve company's data collection and analysis processes. Skills and experience include the following:

- **Modelling:** developed models to forecast customer response to cross-sell campaign.
- **Programming:** developed Data Warehouse, Anti-Money Laundering System, Credit Card Application Processing System, implemented goods volume forecasting algorithm into DWH.
- **Documentation:** Developed commercial proposal, requirements specification, test procedures, administrators' and users' guides, recovery guide.
- **Communication:** Gathered clients' requirements, proposed and defended ideas for systems development, consulted on SAS programming and software development process.
- **SAS:** Proficient with the following products: Enterprise Guide, Enterprise Miner, Base, Macro, SQL, AF, EIS, Graph, STAT, ETS, IML, ACCESS for ODBC.
- **Oracle:** Developed data mart with customer's data and cross-sell campaign results.
- **Windows:** Administered SAS Data Warehouse on Windows Server 2003.
- **UNIX:** Worked with UNIX servers as a SAS programmer.

Education

M.S. in Analytics

07/08 – 05/09

North Carolina State University, Raleigh, NC

- Courses include: Time Series and Forecasting, Data Mining, Text Mining, Linear Programming, Survival Analysis, Risk Analysis, Data Cleaning, GIS.
- Course project: Modeling of pilots' position/aircraft preferences to reduce cost of training for US leader in private aviation.

Specialist

09/99 – 05/05

Bauman Moscow State Technical University

- Courses include: Design of Experiments, Operations Research, Discriminant Analysis, Theory of Mass Service, Reliability theory.
- Diploma theme: Development of Time Series forecasting algorithm ARIMA with Oracle Express software.

Experience

DEBT COLLECTION AGENCY "Pristav"

12/09 – present

- Working on the debtors' behavior models to improve collection efficiency.
- Assessing profit and loss during contract terms negotiation.
- Preparing reports for top-management.

BANK "Rusfinance bank" (Société Générale group)

07/09 – 12/09

Data Analyst. Looking for clients willing to buy second product and more (increasing response rate in the cross-sell campaign):

- Developed requirements specification for the data mart with customers' data and cross-sell campaign results.
- Developed data mart for Oracle DWH.

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- Analyzed the data and found meaningful parameters.
- Developed mathematical models using SAS to forecast customers' response (decision trees, logistic regression, proportional hazards regression).
- Assessed models precision with new data.
- Prepared analysis report.
- Developed code to forecast customer response for Oracle DWH.

SAS CONSULTANCY Business & Decision CIS 08/05 – 06/08

SAS programmer/consultant. Consulted on following projects:

COMMERCIAL BANK CJSC 11/07 – 06/08
“Tinkoff Credit Systems”

- Developed credit card application processing system.
- Refactored code and divided the system into four independent modules, reducing system complexity and maintaining cost.
- Implemented tuning tables for different strategies of application processing.

COMMERCIAL BANK JCS 03/07 – 10/07
“Renaissance Credit”

- Administered Data Warehouse.
- Proposed and implemented new structure of historical tables, reducing their size up to 10 times and reducing queries processing time.
- Indexed DWH tables reducing server overload.
- Refactored ETL process and data marts for credit cards code improving data quality from 25% to 95%.
- Wrote technical documentation.
- Received letter of thanks and acknowledgment of expertise from bank's IT management.

RUSSIAN RAILWAYS JSC 07/06 – 02/07

Main computer center

- Implemented forecasting algorithm developed by third party company into DWH ETL process.
- Compared forecasts developed by old/new algorithms.
- Programmed algorithm for reporting data errors/mismatches in DWH dictionaries.

CJSC BANK OF THE GAS INDUSTRY 08/05 – 05/06
“Gazprombank”

- Developed AML system including GUI and ETL process.
- Implemented dictionaries based on company's DWH and publicly available data.
- Wrote technical documentation.

SOFTWARE DEVELOPER CBOSS, CJS 08/03 – 05/05

Technical writer

- Developed documentation for software for telecom operators.

Certifications

Predictive Modeler Using SAS® Enterprise Miner 5

Advanced Programmer for SAS®9

Six Sigma Black Belt. Pending project completion

Certified Speaker. C3 Communications