KIRILL NARTOV

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Data Science student with two years of industrial experience in business analytics and data visualization. Eager to develop in growing the product value as a **data scientist**.

EDUCATION

University of Michigan | Master of Science - Data Science   (expected) Dec 2024

Moscow State University | Postgraduate Diploma - Marketing Management   2021
- Achievements: Top 5% student, Financial case solution for the European top-ranked insurance company.

Moscow State University | Bachelor of Science - Applied Mathematics and Physics   2021
- Achievements: Scientific publication in a top journal (Q2), worked as a Research Assistant from Apr 2019 - Sep 2021.

TECHNICAL SKILLS

Programming Languages: Python (Matplotlib Seaborn NumPy Pandas Scikit-Learn BeautifulSoup) | SQL (MySQL PostgreSQL)
Data Analysis and Visualization Software: SAS Enterprise Miner | Excel | JupiterLab | Tableau | Power BI | Snowflake | Spark
Data Science Techniques: Hypothesis Testing (A/B Testing) | Data Science Pipeline (Cleansing Wrangling Modeling Interpretation)
Machine Learning: Supervised (Classification Regression) | Unsupervised (Clustering Market Basket Analysis)
Project Management: Jira | Confluence | Git | Agile SAFe | Waterfall | Requirements and Backlog Management

PROFESSIONAL EXPERIENCE

University of Michigan | Data Visualization Consultant   Michigan, Aug 2023 - Present
- Consult students and staff in the basics of Business Intelligence, Data Visualization, and Storytelling.
- Run workshops in Data Visualization with Tableau.
- Launched a new teaching discipline of Data Visualization in the department.

University of Indianapolis | Data Analytics Consultant   Indiana, Aug 2022 – Aug 2023
- Provided tutoring sessions in Data Science, Computer Information Systems, and Statistics.
- Implemented a data-driven approach to the students' performance tracking in the department through spreadsheets.

Volkswagen Group sub, IT Tech Consulting | System & Business Analyst   Moscow, Apr 2021 – Jul 2022
- Gathered, organized, and analyzed business stakeholders' (VW, Audi, Skoda, Bently, Ducati) requirements.
- Translated business requirements into technical and architecture specifications for enterprise B2B systems.
- Maintained existing Tableau reports per stakeholder request and created new data visualizations that informed business stakeholders on key metrics through gaining data from PostgreSQL databases, cleaning, and preprocessing it for dashboards.
- Modeled a data integration architecture of the Multi-Functional Sales Management Web Platform.
- Developed a data flow schema and outlined user scenarios for the Sold Vehicle Maintenance Web Service.
- Redesigned the use cases and user experience for the Car Recall Campaign Automation Web Service.

Insurance Company, Ingosstrakh | Product Manager   Moscow, Apr 2020 – Mar 2021
- Managed a cross-functional team (6 members) and oversaw product development from inception to implementation.
- Formed the team's tasks backlog and managed stakeholders' communication.
- Executed market rollout of new features for insurance products by presenting to C-level and communicating with security teams.
- Prepared Tableau visualizations for demonstrating the financial earnings of developing new features for C-level.
- Prevented customer churn of up to 20% for an auto insurance product by implementing a new feature in conjunction with a marketing team.

PROJECTS

Allstate Customer Prediction, Academic Project | Data Analyst   Nov 2023
- Built the binary classification model (%88 accuracy) of potential customers through Machine Learning algorithms (Logistic Regression, Decision Tree, Random Forest, Gradient Boosting, XGBoost).

E-Commerce Platform Customer Analysis, Academic Project | Data Analyst   Sep 2023
- Found customer segments with distinctly different purchase behavior based on such metrics as conversion rate, total spending, and customer value through the k-means clustering algorithm.
- Conducted market basket analysis through such FP mining algorithms as Apriori and FP-Growth.

Kohl's Warehouse Optimization, Consultation | Data Analyst   Apr 2023
- Optimized warehouse item allocation by $15,000 per year through Exploratory Data Analysis and summarization statistics comparison of the storage plan and stored items.

Steel Dynamics Financial Analysis, Consultation | Statistician   Mar 2023
- Identified weaknesses in the company's financial performance by running statistical comparison analysis (Hypothesis one-way ANOVA testing) of 5 competitors' financial metrics.