ALINA SMIRNOVA

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SUMMARY

Highly analytical and process-oriented Data Analyst/Data Scientist with experience in working with Python, SQL, AWS, applying machine learning and statistical modeling.

- Background in software development with programming knowledge in Python and Python libraries for Data Science like NumPy, Pandas, Matplotlib, Scipy.
- Reporting and Business Intelligence experience (Tableau). Experience in using statistical packages (Octave), web analytics software (Google, Yandex).
- Strong Understanding of ETL, Principles of Data Modelling, basic Unix

Master's degree and professional certification in data analytics and statistics. Currently a student at UC Berkeley Data Analytics Boot Camp.

EXPERIENCE

One Compute, *Data Analyst,* 04/2017 – present

- Analyzed cryptocurrency data to learn and understand factors affecting the cryptocurrency market using Python. Accumulated data using CryptoCompare API, pytrends, cryptory, working with JSON and DataFrame. Investigated the relationship between crypto prices, google search popularity and stock indices using Python libraries such as Pandas, NumPy, Matplotlib, Plotly. Build summary dashboards in Tableau.

- Developed iOS application with Swift 4 to facilitate social athlete interaction and provide a safe environment to compete or train, using feature-driven Agile development with JIRA Software and GitLab. Integrated Mapbox maps (mapbox.com) and other web services into the mobile application, to build interactive maps with real-time custom data that work online and offline. Worked with RESTful APIs to connect the mobile application to the serverless backend services on AWS.

Modarola, Data Analyst, 02/2016 - 02/2017

- Applied machine learning algorithms (regression, K-means) for customer segmentation, engaged customers with highly targeted email and Facebook campaigns. Planned and executed A/B and multivariate testing to increase conversions, engagement and retention.

- Performed sales analysis using data from SQL database to provide valuable insight into inner-working of the business.

- Analyzed the entire customer lifecycle from discovery to purchase using Google Analytics and Yandex Metrica, using advanced Excel (Pivot tables, Solver) and VBA Scripting in daily working routine

Allianz Group, Credit Risk Underwriter, 09/2009 - 10/2012

- Responsible for evaluating, underwriting and recommending decision on credit limits, based on analysis and interpretation of financial statements. Identified risks of volatile industries and markets for assigned portfolio.

- Managed and monitored credit risk on existing customers leveraging Interfax SPARK and D&B's global database

- Analyzed financial data to predict possible late payment in trade credit portfolio.

ACCOMPLISHMENTS

- Conducted research project at Russian Academy of Science "Applying machine learning algorithm to analyze R&D Indicators"
- Research project "Analysis of industry markets" in Institute for Financial Studies (http://www.ifs.ru/en/).
- Self – taught iOS Developer. Developed iOS application.

CERTIFICATIONS

- Machine Learning (by Andrew Ng), Python specialization course (by Charles Severance)

EDUCATION

UC Berkeley : Data Analytics Boot Camp – Current
Master's degree in Economics, **State Academic University of Humanitarian Science**, Russia

ADDITIONAL SKILLS

Programming languages: Swift 4, Python 3, JSON, **Database**: Proficiency in MySQL, SQLite, MongoDB. **Development tools**: GitLab, GitHub, Atom, XCode, Visual Studio Code, Anaconda, **Web Development:** HTML, CSS, Java Script