Slava Spirin

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Ambitious data scientist with a background in quantitative finance driven to add value through predictive analytics and critical thinking skills. Supported by a proven track record of increasing profitability and work efficiency.

Technical skills: Python, R, SQL, Hadoop, SAS, VBA, MS Office, Bloomberg Terminal

Professional Experience

Data Science Contractor - ArimaData   Sep 2019 - Present
- Built sophistic predictive models applying Google Cloud services and NLP advances in Deep Learning to understand people behavior and to optimize business process using demographics, behavior, geospatial and social media data
- Provided actionable insights from synthetic population and performed customer segmentation resulting in efficient budgeting and 17% revenue growth for the quarter
- Designed interactive dashboards using Tableau that gives clients greater flexibility and capacity in managing, refining and executing Big Data queries

Actuarial Consultant & Data Scientist - msg Global Solutions   July 2018 – Present
- Designed business models and complex simulations by providing SAP Profitability and Performance Management and SAP Analytics Cloud solutions for clients from Banking and Manufacturing industries
- Integrated revenue planning strategies based on Deterministic (GL account driver assumptions), Predictive (Autoregressive Integrated Moving Average) and Deep Learning (RNN) etc models by using Python/SQL that led to 95% accuracy from actual revenue
- Successfully delivered $1M and $2.6M implementations for Alberta Treasury Bank and Pratt & Whitney Canada respectively. Partook in numerous demos and POCs

Credit Analyst, Investment Lending – Laurentian Bank   Jan 2017 – June 2018
- Provided accurate risk estimations for 500+ high net worth clients with a minimum 100k loan for such products as Segregated Fund and Mutual Fund Investment loans
- Successfully performed analysis for individuals as well as small, privately held companies that, as of Oct 2017, led to a total increase of $6B for their personal loan portfolio
- Constantly exceeded team expectations; achieving over 15% increase in deal closure rates and superior quality controls in any given period
- Awarded "The Best of 2017 RRSP Season" by developing a VBA/Python scripts that enhanced the precision of the credit decision process, resulting in a reduction of human error

Business Analyst - Aquamobile Inc.   Jan 2015 - Nov 2016
- Created an interactive dashboard for monthly forecasting and budgeting by developing spreadsheets using MySQL + Excel VBA which generated marketing/financial reports. The dashboard minimized reporting time by 90%
- Fruitfully led a 3-person market research team to produce a lucrative marketing campaign that increased revenue by 14% year-to-year
- Yielded 16x efficiency by automating the content creation process using Excel VBA, HTML and Java. 5k landing pages were created automatically by running the software on multiple servers concurrently

Education

Data Science Diploma	BrainStation, Toronto 2019
CFA Level II Candidate	CFA Institute, Toronto 2018
CSC	CSI, Toronto 2016
Postgraduate in Business Management	George Brown College, Toronto 2015
BA in Finance and Economics	Lomonosov Moscow State University, Moscow 2014