Edward **Vaisman**

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Experienced Data Analyst looking for a full time job starting from now

Professional Experience

Wavelo (Tucows)   *Toronto, ON*
SENIOR STAFF ENGINEER (KAFKA)   *Nov 2020 - Oct 2022*

- Built, secured, and maintained the overall Kafka infrastructure.
- Built the automation to provision, maintain, and monitor all aspects of the Kafka environment via infrastructure as code. (HashiCorp Stack)
- Designed, implemented, and operated multi-datacenter Kafka infrastructure along-side kafka add-ons such as Confluent Schema Registry, MirrorMaker2, Kafka Connect.
- Built monitoring dashboards and visualization to provide real-time insights and observability of Kafka clusters connectivity, security and performance. (DataDog, ElasticSearch, Prometheus, Grafana)
- Built self-serve GitOps tools to increase speed and productivity of developers using the kafka platform. (Topic Management, ACL Management, Kafka Connect Cluster Deployment, KSQL Deployment, Self-Hosted GitHub Runners, etc…)
- Increased our PaaS offerings by building an in-house CLI to interact with our private cloud infrastructure to deal with secret management, volume management, application deployment. (Typer CLI, Nomad APIs, Vault APIs)
- Identified bottlenecks and tune to optimize Kafka performance and throughput.
- Ensured all disaster recovery protocols are tested with routine backup and recovery exercises.

`Confluent` `Kafka` `Terraform` `GitHub Actions` `Prometheus` `Grafana` `DataDog` `ElasticSearch` `Nomad` `Vault` `Python` `Bash` `Linux` `Docker`

ABC Company   *New York, NY*
DATA ANALYST   *2017 - 2020*

- Analyze large datasets with SQL and Python, collaborate with teams to uncover business insights
- Create data visualizations and dashboards in Tableau, develop and maintain data pipelines with AWS

PQR Corporation   *Chicago, IL*
DATA ANALYSIS INTERN   *Summer 2017*

- Assisted with data cleaning, processing, and analysis using Python and Excel, participated in team meetings and contributed to project planning and execution

Education

University of California, Los Angeles   *USA*
MASTER OF DATA SCIENCE   *2018 - 2020*

- Thesis: Predicting Customer Churn in Telecommunications Industry using Machine Learning Algorithms and Network Analysis
- Course: Big Data Systems and Technologies | Data Mining and Exploration | Natural Language Processing

University of California, Los Angeles   *USA*
BACHELORS OF SCIENCE IN COMPUTER SCIENCE   *2018 - 2020*

- Thesis: Exploring the Use of Machine Learning Algorithms for Predicting Stock Prices: A Comparative Study of Regression and Time-Series Models

- Course: Database Systems | Computer Networks | Software Engineering | Artificial Intelligence

Skills

Languages	English	French	Chinese
Tech Stack	Tableau	Python (Pandas/Numpy)	PostgreSQL
Personal Interests	Swimming	Cooking	Reading

Projects & Associations

ABC Nonprofit Organization *New York, NY*
VOLUNTEER DATA ANALYST *2019 - Present*

- Analyze donor and fundraising data to identify trends and opportunities for growth
- Create data visualizations and dashboards to communicate insights to the board of directors
- Collaborate with other volunteers to develop and implement data-driven strategies

Publications

Brown, E. (2023). *Data Visualization Techniques: A Comparative Study*.

Jones, S., & Brown, M. (2021). Exploratory Data Analysis for Predictive Modeling. *Proceedings of the International Conference on Data Science*, 256–267.

Smith, J. (2020). An Introduction to Data Analysis Techniques. *Journal of Data Science*, *15*(2), 123–145.

Wilson, D. (2022). *Machine Learning for Data Analysis*. Springer.