

Education**Rensselaer Polytechnic Institute (RPI) – Troy, NY**

Master of Science in Applied Mathematics

Bachelor of Science in Mathematics (Applied Mathematics concentration)

Bachelor of Science in Psychology

Work Experience**Lead Data Engineer - Product Manager (One Brave Idea - Boston, MA):****Feb. 2019 – Present**

Worked across OBI bridging involvement among data science, software, and the wet lab teams in pursuit of OBI's goals towards cardiac disease prevention and detection. I centralized clinical data sets, gathered and curated medical notes for labeling and data analysis, optimized SQL scripts, and managed operations for the data team. I held responsibility for EMR data sets and gathering and obtaining access to internal data sets in addition to those of external collaborators. Additionally I hired, mentored and was responsible for a direct report. Complementary to technical responsibilities I played a key role in operational execution, wet lab process oversight, and owning the product management function for our software group, while keeping a focus on documentation and longevity within the organization.

Data Engineer (Yesware – Boston, MA):**July 2018 – Jan. 2019**

Worked in a fast paced start-up in heavily cross-functional executions around the themes of establishing proper data pipelines, managing data nuance, and producing Snowflake SQL driven reports. This manifested itself particularly through championing the build of a multi-platform data pipeline for the migration of our marketing automation tool to ensure proper sales contact data capture and modification. Additionally I was recruited for expertise in building out the SQL backend in Snowflake of user focused Yesware activity reporting for Yesware's highest value initiative. In this capacity I focused on building out automatable and efficient queries to produce customer facing reports, while constantly product managing the output to prioritize an MVP focused outcome for quick feedback and considering the highest value product for the customer. Data nuance management was supplementally key in ensuring a proper understanding of what purpose different fields served, to ensure alignment between their truth, as well as their internal and external understandings to allow for effective longevity and reusability.

Product Manager (Wayfair – Boston, MA):**May 2017 – June 2018**

Product managed the building of a data mart (DM) to enable efficient and reliable forecasting and data dependent root cause analysis for my business stakeholders, who are responsible for providing accurate warehouse inbound forecasts. The DM allows users to effectively dedicate their time to root-cause analysis & forecast improvement, where previously spent 80% of their time on data curation. The effort involved creating a database presence & the supporting infrastructure & relied heavily on technical expertise in T-SQL for analysis, prototyping, & far reaching testing. Additionally, wide ranging cross team collaboration was key to gathering information & understanding how it's best applied based on the user's needs. Numerous user interviews were conducted for understanding the key problem areas, the value of the DM product, and particularly the intermediate value of milestone releases and feedback capturing along the path to final adoption.

Software Engineer (MetLife – Providence, RI):**Aug. 2015 – May 2017**

Developed in and maintained an application for handling the upload, processing, and reporting for all financial input of one of the company's largest products. The work extensively involved Java, DB2 SQL, and JavaScript, in addition to an understanding of the financial and business side which the technical application supports. The role required understanding the technical needs of the internal business and financial clients and actively querying data in search of various metrics. In addition reports were analyzed and viewed using Cognos tools and large data sets were analyzed and selected on through the use of Hyperion.

Special Skills**(Technical)**

- T-SQL
- MATLAB
- Python
- Javascript
- Snowflake (SQL)
- R
- Excel
- SPSS

(Non Technical)

- People Management
- Scrum, Agile, Kanban
- GDPR Policy
- Fluent in Russian