Kristina Litau

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WORK EXPERIENCE

ASSISTANT OPERATIONS MANAGER | CITY OF SPOKANE | SPOKANE, WA   **09/2023 – Present**
- Design and develop a web application from scratch (HTML, CSS, JavaScript, SQLite) for gym supervisors and team players to manage court rotations, enhancing efficiency of the open gym management and operation
- Automate scheduling for 126 volleyball teams from 11 city leagues considering multiple time and place constraints using Python and Excel

DATA ANALYST | WREN INVESTMENT MANAGEMENT | SPOKANE, WA   **02/2024 – 03/2024**
- Implemented workflow automation using stock prices API, Python, and Excel, reducing time used for manual data input by 95%
- Created a web application in Streamlit (Python) for a stakeholder to optimize user flow

OPERATIONS ANALYST INTERN | SEATTLE-TACOMA INTERNATIONAL AIRPORT| SEATAC, WA   **07/2022 – 07/2023**
- Collected and analyzed data on the recently launched service, created visuals using Excel, and developed action plans and recommendations
- Collaborated with the BI intern to migrate data pipeline and automated reporting from R to Alteryx and Tableau, reducing pipeline runtime by 92% and creating analytical views in Tableau for stakeholder

ADDITIONAL EXPERIENCE

TIP-TAP WALKING TOURS WEBSITE | PERSONAL PROJECT   **11/2023 – Present**
- Design and develop a website dedicated to coffee shop collections and walking tours in different cities
- Lead the concept development, design, and coding with a focus on responsive design and interactivity, utilizing HTML, CSS, JavaScript, and the Google Maps API

B2B MARKETING SEGMENTATION MODEL | AMAZON FREIGHT CAPSTONE TEAM   **01/2023 – 06/2023**
- Collaborated with the multi-disciplinary team to develop segmentation model in Python and create a standardized valuation system, resulting in a 15% increase in the accuracy of generating optimal marketing strategies
- Designed a web user interface using Python that enables the generation of reports and interaction with model outcomes, data visuals, and predictions, satisfying end-user requirements and increasing usability of the system
- Managed an agile project management software (Jira) as a scrum-master, ensuring productive team communication

UNEMPLOYMENT RATE PREDICTOR| PROJECT TEAM MEMBER (UW)   **09/2022 – 12/2022**
- Utilized R for the time-series analysis, regression models analysis, and machine learning algorithms (ARIMA, Random Forest), achieving high accuracy in forecasting unemployment rates

EDUCATION

FULL STACK WEB AND MOBILE APP DEVELOPMENT | NUCAMP   **03/2024-08/2024**

FULL STACK WEB DEVELOPMENT BOOTCAMP | UDEMY   **10/2023-03/2024**

INDUSTRIAL & SYSTEMS ENGINEERING, DATA SCIENCE SPECIALIZATION   **09/2021 – 06/2023**
UNIVERSITY OF WASHINGTON | SEATTLE, WA
Relevant Coursework: Data Analytics for Systems Engineers (Python, R), Design Of Experiments (R, ANOVA), Databases & Data Modeling (SQL), Machine Learning (Python), Simulation Modeling (SIMIO)
Activities: President of Russian Speakers Club, Volleyball Intramurals, Designer at Web Development Club