Elijah Raffo

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EXECUTIVE SUMMARY

Project manager and data analyst with a passion for delivering business impact within a fast-paced environment. Demonstrated experience in building and leading a team, analyzing large datasets, and modelling complex business operations. Skilled in critical thinking and problem solving.

EDUCATION

Portland State University ● Graduate Certificate in Business Intelligence and Analytics   **Oct. 2019 – Current**
Concepts: Regression Analysis ● Information Theory ● Data Mining ● Linear Optimization   **GPA: 4.00 / 4.0**

University of Oregon ● Bachelor of Science in Business Administration   **Sept. 2015 – June 2019**
Major Concentration ● Operations and Business Analytics   **GPA: 3.60 / 4.0**
Minor ● Computer Information Technology
Concepts: Supply Chain Management ● Demand Forecasting ● Predictive Analytics ● Database Management

WORK EXPERIENCE

Program Manager   **Lam Research Corporation ● Portland, OR**   **Sept. 2019 – Current**
Project Manager:
Managed cross-functional teams to develop paid upgrades for two core deposition products to enable next generation software.
Developed and coordinated a retrofit in partnership with regional Account Teams to upgrade >100 power supplies in 5 different countries.
Data Analyst:
Assessed the validity of Absorption Credit and Uplift charges and generated a reduction of ~$1M in charges to the Deposition product group.
- Demonstrated the connection between manufacturing efficiency and the implementation of POA BOM structuring.

Operations Analyst   **Lane Forest Products, Inc. ● Eugene, OR**   **June 2018 – June 2019**
Project Manager:
Coordinated a logistic reload which over 6 months moved 55,000 tons of material, resulting in becoming the customer's primary service provider.
- Collaborated with the database manager to automate validation and data integrity through an extract, transform, and load process.
Managed the export of international orders by developing process mapping, managing documentation, and coordinating the flow of materials.
Data Analyst:
Conducted an analysis of the Delivery Department by developing a cost model. Implemented a delivery pricing structure which identified and stopped losses on delivery, and increased profit by $36,000:
- Developed visual models for stakeholders which intuitively explained the profit margin of all order combinations (~50,000 combinations).
- Created and instituted a spreadsheet which uses a Google Distance API to optimize the delivery price quoted to customers.

Supply Logistics Intern   **Townshend's Tea Company ● Portland, OR**   **June 2017 – September 2017**
Implemented a redesigned Point-of-Sale interface at all Eugene Teahouse locations which helped:
- Improve storefront efficiency, and created data which could depict customer preferences, inventory levels, and automate reorder points.

HIGHLIGHTED SKILLS

Beginner   R | ompR, LatTex, pander, ggplot ● Python | Pandas, NumPy, ggplot ● JavaScript | RESTful API's, Node.js, React.js
Intermediate   SQL | Queries, Normalization ● SAP ● VBA & Macros ● MS Office | Visio, Access, SharePoint, Outlook, PowerPoint, Word
Advanced   MS Excel | Pivot Tables, Dashboards, Solver ● Tableau | Dashboards, Calculated Fields, Joins ● Linear Optimization

PROJECTS AND CERTIFICATIONS

http://eliraffo.github.io/ ● All public projects can be viewed on GitHub
Highlighted Projects: Delivery Analysis (Lane Forest) ● POS Redesign (Townshend's Tea) ● Linear Optimization in R ● Wine Classification

Emerald Kalama Chemical - Fragrance & Flavor Optimization ● Project
Partnered with a global chemical company to build a model which optimizes their product mix and models their unique production constraints.

Lean Six Sigma Green Belt (SSGI) ● Certificate of Outdoor Leadership (UO) ● Data Science A-Z (Udemy)