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

Graduate Certificate in Business Intelligence & Analytics ● Portland State University   **Oct. 2019 – June 2020**

Post-Bacc. Focus in: <u>Mathematics & Statistics</u>   **GPA: 3.93 / 4.0**

Concepts: Data Visualization & Dashboards ● Prescriptive Analytics (Linear Optimization, OCCAM) ● Data Mining & Predictive Modelling

Bachelor of Science in Business Administration ● University of Oregon   **Sept. 2015 – June 2019**

Major Concentration ● <u>Operations and Business Analytics</u>   **GPA: 3.60 / 4.0**

Minor ● <u>Computer Information Technology</u>

Concepts: Database Mgmt. ● Predictive Analytics ● Descriptive Analytics ● Supply Chain Mgmt. ● Business Strategy

WORK EXPERIENCE

Program Manager   **Lam Research Corporation ● Portland, OR**   **Sept. 2019 – Current**

<u>Managed</u> programs focused on metal deposition which over 7-months fought for new market share by hitting aggressive cost targets, technical requirements, and customer timelines:

- Led multiple programs and projects through the development process (PDR) to meet business objectives and timelines requirements.
- Implemented new technology and BoM cost reduction by working a cross-functionally areas from Eng., Supply Chain, and Manufacturing.
- Coordinated mitigations strategies and communicated program risks and KPI's to Stakeholders and Executives.

<u>Assessed</u> the validity of manufacturing (ACU) charges, and over 12-months generated a reduction of ≥$1M in charges to the PECVD product group.

- Demonstrated quantitatively the connection between manufacturing efficiency and the implementation of POA BOM structuring.

Operations Analyst   **Lane Forest Products, Inc. ● Eugene, OR**   **June 2018 – June 2019**

<u>Quantified</u> the efficiency of the Delivery Department by developing and applying a cost model within 3-months. Implemented a delivery pricing structure which identified and stopped losses on and increased profit on delivery by an estimated $36,000 per year.

- Utilized visualization to explain the profit margin of all order combinations (~50K combinations) to stakeholders.
- Created and instituted a spreadsheet which uses a Google Distance API to automate and optimize the delivery price quoted to customers.

<u>Automated</u> a logistic reload which over 6-months moved 55,000 tons of material, resulting in becoming the customer's primary service provider.

<u>Managed</u> the export of international orders by developing process mapping, managing documentation, and coordinating the flow of materials.

Supply Logistics Intern   **Townshend's Tea Company ● Portland, OR**   **June 2017 – Sept. 2017**

<u>Redesigned</u> the company's Point-of-Sale interface for all Eugene Teahouse locations which:

- Improved storefront efficiency and created data which could depict customer preferences, inventory levels, and automate reorder points.

HIGHLIGHTED SKILLS

1 to 2 Years   SAP ● Python (Pandas, NumPy) ● R (ggplot, lessR) ● JavaScript (RESTful API's, Node.js, React.js)

2 to 4 Years   Business Intelligence (Power BI, DAX, Tableau) ● SQL (Access, MySQL) ● MS Excel (Power Pivot, Dashboards, VBA) ● Linear Optimization (ompR, Solver) ● MS Office (MS Timeline, Teams, OneNote, Visio, Outlook, Projects, PowerPoint, Word)

HIGHLIGHTED PROJECTS AND CERTIFICATION

Lane Forest - Delivery Analysis	Townshend's - POS Redesign	Power BI vs. Tableau vs. R	Linear Optimization in R
Operational analysis delivering impact with visualization	Automating operations, and creating a valuable data pipeline	A comparison between the above platforms ability to visualize	Modelling business scenarios, and creating actionable information

Certified Associate in Project Management (PMI) ● Lean Six Sigma Green Belt (SSGI) ● Scrum Master (SSGI)

Data Science A-Z (Udemy) ● Power BI (Udemy) ● Tableau (Udemy) ● Certificate of Outdoor Leadership (OPP)

http://eliraffo.github.io/ (All projects and certifications can be viewed on GitHub)