

# Elijah Raffo

Portland, OR 97224

(971) 275-7057

[eliraffo@gmail.com](mailto:eliraffo@gmail.com)

[linkedin.com/in/eliraffo](https://linkedin.com/in/eliraffo)

[eliraffo.github.io](https://eliraffo.github.io)

## EXECUTIVE SUMMARY

Project manager and data analyst with 2+ years of experience delivering business results within a fast-paced environment. Demonstrated experience leading a cross-function team focused on innovation, deriving actionable insights with data, and modelling complex business operations.

## EDUCATION

**Graduate Certificate in Business Intelligence and Analytics • Portland State University**

**Oct. 2019 – June 2020**

**Concepts:** Data Visualization • Prescriptive Analytics (Linear Optimization, OCCAM) • Data Mining & Machine Learning

**GPA: 3.94 / 4.0**

**Bachelor of Science in Business Administration • University of Oregon**

**Sep. 2015 – June 2019**

Major Concentration • Operations and Business Analytics

**GPA: 3.60 / 4.0**

Minor • Computer Information Technology

**Concepts:** Database Management • Predictive Analytics • Descriptive Analytics • Demand Forecasting • Business Strategy

## WORK EXPERIENCE

**Program Manager and Data Analyst**

**Lam Research Corporation • Portland, OR**

**Sep. 2019 – Current**

Managed the development programs for new deposition reactors which over 1-year fought for new market share in the logic and memory space by hitting aggressive vision targets and customer timelines:

- Coordinated a cross-functional team to identify and achieve a  $\geq 25\%$  BOM cost reduction on a multi-million dollar system
- Led multiple programs and projects through the developmental process to meet timeline requirements (alpha, beta, and unrestricted release)
- Drove cross-functional teams to highlight program/project risks and implement mitigation solutions

Assessed the validity of manufacturing (ACU) charges, and over 9-months generated a reduction of  $\geq \$1M$  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**

Quantified 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 delivery, and increased profit by an estimated \$36,000 per year.

- Intuitively explained the profit margin of all order combinations (~50,000 combinations) to stakeholders with the use of visualization.
- Created and instituted a spreadsheet which uses a Google Distance API to automate and optimize the delivery price quoted to customers.

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

Managed 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 – Sep. 2017**

Implemented a redesigned Point-of-Sale interface at 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** Python (Pandas, NumPy) • R (ggplot, lessR) • JavaScript (RESTful API's, Node.js, React.js) • SAP

**2 to 4 Years** MS Excel (Power Pivot, Dashboards, Macros) • Business Intelligence (Tableau, Power BI, DAX) • SQL (Access, MySQL, PostgreSQL) • Linear Optimization (ompR, Solver) • MS Office (Projects, Visio, OneNote, Outlook, PowerPoint, Word)

## HIGHLIGHTED PROJECTS AND CERTIFICATIONS

<a href="#">Lane Forest - Delivery Analysis</a>	<a href="#">Townshend's - POS Redesign</a>	<a href="#">Linear Optimization in R</a>	<a href="#">Dataquest Portfolio</a>
Operational analysis delivering impact with visualization	Automating operations, and creating a valuable data pipeline	Modelling business scenarios, and creating actionable insights	Applying Data Science BKM's to practical problems

Certified Associate in Project Management (PMI) • Lean Six Sigma Green Belt (SSGI) • Certificate of Outdoor Leadership (OPP)

<http://eliraffo.github.io> • All projects and certifications can be viewed on GitHub