Edwin Tan Lim

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Work Experience

The Home Depot, Atlanta, GA   *October 2021 – Present*
Financial Systems Analyst (Product Manager) – Supply Chain Analytics and Finance Systems
- ❖ Leading the strategic development of Carrier Invoice Management using Agile/Scrum framework in collaboration with 8 engineers.
- ❖ Prioritizing roadmaps, backlog, and story dependency in Jira and Miro and constructing business cases and requirements to optimize systems.
- ❖ Overseeing usability testing and coordinating changes for the TMS Facility Translation in React to enhance user experience by 65%.
- ❖ Directing integration testing to capture missing retail cost over $150M+ from Order Up involving Rest API Postman & Swagger.
- ❖ Reviewing user acceptance testing (UAT) prior to story deployment to ensure all requirements are met and enhance user experience (UI/UX).
- ❖ Spearheading A/B testing to reduce 50% manual task of existing system process by creating simulation in Python and BigQuery SQL.
- ❖ Serving as a liaison between finance, accounts receivable, and supply chain operation in matters relating to EDI, CIM, TMS, and SAP.
- ❖ Initiating statistical studies with Access, BigQuery SQL, visualizing SAP data in Tableau, and presenting results to leadership.
- ❖ Establishing strong relationship with carriers by handling Zendesk inquiries in a timely manner with 100% satisfaction rate.
- ❖ Proposing, designing, and constructing invoice upload automation using VBA to expedite root cause discovery by 1.5 mins per row.

Boehringer Ingelheim, Athens, GA   *August 2021 – October 2021*
IT OPS Digitalization Co-op
- ❖ Constructed an automated scan with VBA to reduce manual compilation by 60% and optimized load time by 3 seconds per file.
- ❖ Ideated, scoped, and launched a digital software with IT Operations team that detected lab occupancy with 55% real-time data.
- ❖ Executed a digital maturity assessment to define equipment list and scope to identify potential solutions to optimize OEE calculation.

United Parcel Service (UPS), Atlanta, GA   *June 2021 – August 2021*
BaSE Procurement Intern
- ❖ Directed projects related to contracting, data collection, analysis, and price negotiation resulting in a 22% increase in savings.
- ❖ Revamped audit process yields in 43% communication improvement and sustained business relationships with 396 vendors.
- ❖ Optimized quality data trends with VBA Excel Macros, retrieved data with MS SQL Server, and visualized big data with Power BI.

Boehringer Ingelheim, Duluth, GA   *August 2020 – January 2021*
Sourcing/Purchasing Co-op
- ❖ Conducted market research to discover a list of 100 potential suppliers capable of manufacturing sterile injectables.
- ❖ Proposed, designed, and constructed an automated entry database in VBA Excel Macros for 53 internal customers and organization.

A/C Sales Corporation, Norcross, GA   *August 2019 – August 2020*
Estimator Co-op
- ❖ Provided cost estimates up to $68,000 and materials take-off based on blueprints, specifications, and related documents.
- ❖ Communicated with 161 clients and vendors and performed data entry to ensure all items were quoted accurately and timely.

Other Relevant Experience

Ecomspaces, Atlanta, GA   *January 2021 – May 2021*
Process Improvement Engineer   Publication Link: https://digitalcommons.kennesaw.edu/egr_srdsn/59/
- ❖ Optimized fulfillment processes by implementing lean six sigma principles resulting in a 56.81% reduction in wasted space.
- ❖ Constructed simulation model, KPI, cost analysis, and time study to revamp existing facility to increase space utilization by 10.15%.

Project Experience
- ❖ *PO Lookup* – Constructed data modeling and simulation in BigQuery SQL and Python by implementing a new algorithm for the current PO process to reduce the number of misallocations on one-way invoices by 70% and prevent payment delays for carriers.
- ❖ *EDI 864 Visualization* – Designed visualization dashboards metrics in Tableau to identify technical errors carriers received to reduce 25% of Zendesk Electronic Data Interchange (EDI) tickets and promote positive business relationship.
- ❖ *Bike-Share Analysis – Google Data Analytics* – Generated data insights such as descriptive statistics in R and BigQuery SQL and built visualizations in Tableau and Pivot table to increase revenue by 15% by identifying cyclistic historical bike trip trends.
- ❖ *Transportation and Logistics Software* – Designed and launched a logistics software leveraging the shortest path and the minimum spanning tree optimization algorithm to generate optimal distance and cost-effectiveness in MATLAB programming.

Education

Certifications: *Professional Scrum Product Owner (PSPO), Professional Scrum Master (PSM), Lean Six Sigma Green Belt, & Google Data Analytics*

Kennesaw State University, Kennesaw, GA   *2017 – 2021*
Bachelor of Science in Industrial & Systems Engineering
GPA: 4.0; Minor in Quality Principles; Honors College (University Honors Scholar)

Relevant Coursework: Probability & Statistics, C++ Programming, Project Management, Operations Research, Simulation & Modeling, Supply Chain
Honors & Scholarships: **President's List, Southern Polytechnic College of Engineering Scholarship, Phi Eta Sigma National Honor Society**

Skills
- ❖ Technical Skills: C++, R, MATLAB, Python, SQL, Tableau, Power BI, Minitab, Adobe, Miro, Postman, React, Jira, CIM, EDI, TMS, SAP
- ❖ Proficiency in Microsoft Office: Word, PowerPoint, Excel, Outlook, Teams, Project, Visio, Access, Power Automate
- ❖ Effective stakeholder & time management, business strategy, organized, communication skills, complex problem solving, agile, statistical analysis
- ❖ Languages: English and Indonesian