# Melissa Jungeun Eom

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## EDUCATION

**The Hong Kong Polytechnic University** Hong Kong | May 2023

*Major in Logistics Engineering, Minor in Computing*

- Cumulative GPA: 3.87/4.3 | Dean's List | Entry Scholarship
- Coursework: Statistical Analysis, Data Structure and Algorithms, Supply Chain Optimization, Lean Manufacturing, Industrial and Systems Engineering, Warehouse Management, Operations Research, Logistics Facility Design

## PROFESSIONAL EXPERIENCE

**Raymond Industrial Limited** *ERP System Analyst Intern* Hong Kong | Jun 2021 – Dec 2021

- Utilized SQL to query data from ERP system (Infor LN10) database and published excel reports using VBA.
  - Extracted multi-level BOM to identify the list of parts for the final product and computed the quantity needed to be purchased based on sales orders, purchase orders, and inventory on hand.
  - Built the 6-Month stock-level prediction report prototype considering demand forecasting, inventory level, and purchase order lead time.
- Collaborated with the accounting team and external ERP consultants to identify and resolve the errors in six auto-generated accounting reports that occurred during ERP system updates.
- Created a dashboard with Power BI to analyze and visualize the impact of COVID-19 on the procurement team.

**Blind** *Business Development Intern* Seoul, Korea | Jun 2020 – Aug 2020

- Transformed customer data with Python then created two automated workflows through Zapier and Integromat to reduce the multichannel communication time among vendors, team, and customers by 75%.
- Received, cleaned, and prepped data from customer surveys using advanced Excel to collect 1,000 responses before launching a beta version of Blind Hub service.
- Presented a KPI plan for a beta version of Blind Hub service to a team leader and CEO.
- Used Google Apps Script to implement an automatic HTTP request verification program, which reduced working time for checking 300+ websites daily from 2 hours to 2 minutes.
- Developed a work-monitoring system to manage team's work-from-home part-timers on Google Spreadsheets.

## SKILLS AND CERTIFICATIONS

- Python, SQL, C++, Java, VBA, IBM SPSS, Microsoft Power BI, Microsoft Access, JavaScript, HTML, CSS
- Certifications: Google Data Analytics Certificate, Microsoft AI-900, 365 Careers Statistics for Data Science

## PROJECTS AND LEADERSHIP

**Undergraduate Research Assistant** *Industrial and Systems Engineering Department* Sep 2019 – Jan 2020

- Assisted a Ph.D. student's research about supply chain design for the sludge-to-energy system.
- Studied multi-criteria decision-making techniques, logistics facility design, and operations research.

**Class Representative** Aug 2019 – May 2023

- Surveyed 20+ Logistics Engineering students to deliver their opinions on core courses to faculties every semester.

**KoWinner Leadership Scholarship** Nov 2020

- Granted US$1,000 from KOWIN Foundation as a Hong Kong representative.