

# Zachary Carns

✉ zacharycarns@gmail.com ☎ +1 412-977-1931 📄 in/zachary-carns 🌐 zacharycarns.com

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## EXPERIENCE

### Ebara Corporation

#### Global Supply Chain Analyst - APAC Region Lead

Tokyo, Japan  
March 2023 - Present

- Achieved \$90K in cost savings for APAC in 2024 and identified \$1.1M in potential savings for 2025.
- Conducted risk analysis of 46 Tier 1 Chinese suppliers totaling \$9.23M of the 2023 global supply chain spend for Ebara, identifying critical parts requiring second sources for the CEO.
- Led on-site evaluations of operational limitations and unit-specific needs across all APAC countries, aligning with strategic supply chain objectives and improving response rates from 10 countries.
- Collaborated with global Ebara units to perform ABC analysis on indirect and direct spending, identifying opportunities for consolidation, process improvements, and Global Frame Contracts.
- Developed strategy, engaged stakeholders, managed support requests, and secured participation from 18 APAC subsidiaries, including Australia, India, Indonesia, and Vietnam.
- Secured stakeholder approval for Traxo travel data collection, automating integration with SAP Expense and ISOS Travel Tracker, leading to \$570K in planned cost avoidance and further savings.
- Built procurement data pipeline and datamart using AWS tools (S3, Glue, RDS, EC2, Lambda, and Tableau Bridge), automating data collection, transformation, and analysis to identify trends and savings across 18 units.
- Structured thorough documentation and processes for multinational data consolidation, enabling cross-regional analysis for 34 units by 2026.
- Created a data cleaning script for O-ring data of 30 global units, normalizing and enhancing data to identify \$1.3M in potential savings via consolidated purchasing and specification reduction.

### Ebara Corporation

#### Ebara Global Career Development Program - Member

Tokyo, Japan  
March 2023 - Present

- Participating in Ebara Global Career Development Program activities to deepen understanding of corporate challenges and opportunities as part of the first cohort for a 2-year program.
- Engaging with a global team in immersive facility visits to access firsthand insights into Ebara's five divisional operations and strategic initiatives.
- Developing comprehensive insights into cultural dynamics, leveraging data-focused presentations and Tableau Visualizations to solve cultural and language-based challenges, and creating over 20 presentations for various initiatives.
- Engaged with senior management to gain insights into executive decision-making, aligning personal goals with organizational objectives, and securing approval for two initiatives.

### Elliott Group, Ebara Corp

#### Buyer/Planner I

Greater Pittsburgh Area  
February 2021 - March 2023

- Negotiated and managed orders totaling over \$1.5M each year using Oracle for order tracking and supplier communications while expediting parts or service orders and resolutions for quality issues based on Job needs scheduled to avoid LDs while managing RMAs and Credits for parts within QA standards.
- Attained 4.27% total purchase order (PO) savings and ensured an on-time delivery (OTD) rate of 94% within the Industrial Products division by introducing a reporting and tracking system that minimized manual processes.
- Implemented improved processes based on analysis findings, seamless ERP and PLM systems integration, and enhanced cross-functional collaboration across departments.
- Cultivated relationships with 60+ vendors, resulting in a 20% increase in on-time product delivery and a 15% improvement in order accuracy.
- Collaborated with a cross-functional team to implement further integration of the Oracle RFQ and Sourcing module to better quote and manage Blanket POs.

### Elliott Group, Ebara Corp

#### Associate Buyer

Greater Pittsburgh Area  
February 2019 - January 2021

- Generated 100+ purchase orders monthly using Oracle E-Business Suite and Windchill PLM system for inventory items and commodities, complying with Oil and Gas industry standards.
  - Collaborated with Drafting, Engineering, and cross-functional teams to ensure fulfillment of customer requirements, facilitating communication of change recommendations from suppliers, and resolving special-order material issues.
  - Updated and maintained the purchasing history database for KPI reports and decisions to identify opportunities for improving cost and performance on all commodities within the Industrial Products division while tracking annual spending achievements.
  - Managed and resolved quality issue notifications by overseeing Return Merchandise Authorizations (RMAs) and obtaining missing certifications, collaborating with Quality Assurance (QA) and Suppliers, resulting in a swift resolution. Investigated root causes to prevent future occurrences, leading to the issuance of over \$100K in debit memos for recovery.
  - Enhanced supply chain efficiency by tracking over 300 open Purchase Orders and materials shortages, frequently updating delivery schedules, and expediting orders to align with production needs while systematically identifying and engaging with vendors who best meet criteria for price, quantity, quality, and lead-time, thus supporting uninterrupted manufacturing operations.
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## EDUCATION

### Master of Business Administration - MBA, Supply Chain Management

University of Pittsburgh

Pittsburgh, Pennsylvania, USA  
2025

- Graduate Certification in Technology Management
- Micro-Credential in Data Programming for Business Insights
- Micro-Credential in Technology Management Information Systems Design

### Master's degree, Management Information Systems

University of Pittsburgh

Pittsburgh, Pennsylvania, USA  
2025

- Graduate Certification in Technology Management
- Micro-Credential in Data Programming for Business Insights
- Micro-Credential in Technology Management Information Systems Design

### Bachelor of Business Administration - Supply Chain Management and Business Information Systems

University of Pittsburgh

Pittsburgh, Pennsylvania, USA  
2025

## CERTIFICATIONS

### Six Sigma Yellow Belt

University of Pittsburgh • 2018

- Knowledge of the Six Sigma methodology and skills in optimizing processes, enhancing quality, and reducing inefficiencies by applying data-driven decision-making and analytical thinking to solve problems and improve business outcomes.

### National Japanese Language Proficiency Level 3

Japan • 2013

### Eagle Scout

Boy Scouts of America • 2010

- Demonstrates significant leadership experience, including the ability to plan, execute, and manage complex projects.

## INVOLVEMENT

### Tokyo RPG

Game Master

Great Tokyo Area  
March 2023 - Present

- Managed and facilitated tabletop RPG sessions for groups of up to 6 players, ensuring smooth gameplay flow and adherence to established rules and narratives.
- Facilitated team-building activities and encouraged strategic thinking to improve collaborative gameplay among participants.
- Crafted immersive storylines utilizing world-building techniques and creative writing skills, leading to positive player feedback and increased campaign participation.
- Efficiently manage game time and resources while tracking character and storyline progress utilizing online tools such as Roll20, Foundry VTT, and D&D Beyond.

## SKILLS

Industry Knowledge: Customer Service, Lean Six Sigma, Research, Social Media, Team Building, Material Requirements Planning (MRP), Regression Analytics

Tools & Technologies: R and Python for Data Analysis, Tableau, SQL, SAP, Oracle, Epicor, AWS, Snowflake, Rest APIs

Interpersonal Skills: Leadership, Public Speaking, Teamwork, Stakeholder management, Presentation Development

Languages: English, Japanese