

Vanessa Jifetjian

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EDUCATION

Bachelor of Engineering (BE) in Industrial Engineering | Lebanese American University Expected Dec. 2026
• CGPA: 3.75/4 - Placed on Dean's Distinguished List

PROFESSIONAL EXPERIENCE

deSter | Industrial Engineering Intern | Hoogstraten, Belgium Jun 2025 – Aug 2025
• Applied Lean principles to injection molding, achieving a 64% reduction in changeover time and ~€16k annual savings
• Enhanced warehouse efficiency by integrating WMS into mixed-pallet operations, reducing forklift handling by 32%
• Digitalized and standardized SKU quality control karts, ensuring consistency, traceability, and paperless inspections

Sallaum Lines | Operations and Freight Intern | Beirut, Lebanon May 2025 – June 2025
• Designed stowage plans and monitored bunkering, itineraries, and terminal performance to ensure operational efficiency
• Optimized freight workflows by managing cargo bookings, invoicing, and insurance across multiple terminals
• Developed Power BI dashboards to monitor freight KPIs, detect terminal inefficiencies, and enable data-driven decisions

Lebanese American University | Research Assistant | Byblos, Lebanon Sep 2024 - Jun 2025
• Co-authored and presented research at IEEE ICE 2025, focusing on AI-driven passenger flow optimization
• Built AnyLogic simulation models integrating computer vision and machine learning techniques to optimize passenger flow, boarding efficiency, and revenue generation

Lebanese American University | Engineering School Tutor | Byblos, Lebanon Jun 2023 – Sept 2023
• Selected by faculty to tutor 40 students, assisting in engineering analysis and supporting structured problem-solving and analytical thinking
• Developed supplemental learning materials applying structured engineering analysis to enhance student understanding

EXTRACURRICULAR ACTIVITIES

Institute of Industrial and Systems Engineers | Secretary | Byblos, Lebanon Sept 2023 – Present
• Increased membership by 181%, through recruitment campaigns and info sessions, strengthening student engagement and club visibility
• Organized workshops with industry experts to build skills and highlight emerging trends in industrial engineering

180 Degrees Consulting Club | Pro-Bono Consultant | Byblos, Lebanon Feb 2024 – Jan 2025
• Led a pro-bono consulting project for *Ya Ayni Aal Baladi*, focused on sales and CRM optimization
• Conducted market research, benchmarking, and financial analysis to assess e-commerce and growth opportunities

CERTIFICATIONS

Consulting Bootcamp | LAU Consulting Community Nov 2025 – Dec 2025
• Selected among the top 20% of applicants for a 15-hour Consulting Case Interview Bootcamp, developing structured case-solving frameworks and practicing live cases with consultants from leading firms

MEPI TLS Scholar | US-Middle East Partnership Initiative Sept 2024 – Jun 2025
• Selected for a highly competitive leadership program, completing training in gender equity and policy design
• Authored policy papers on gender equality in sports, linking research to practical reform recommendations

ADDITIONAL INFORMATION

Technical Skills: Microsoft Word, Excel, PowerPoint, MATLAB, AutoCAD, Java, C++, AnyLogic, LINGO, R Language
Languages: English C2, Arabic C2, French C1, Armenian C1
Interests: Tennis player – Certified Coach and Varsity Player (2-time MVP), Volunteering, Traveling, Adventure, Challenge