

ANDREA ESPOSITO

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EXPERIENCE

TESLA

Sr Supply Chain Program Manager, Charging. Palo Alto, CA

July 2023 - Present

- Overseeing entire direct materials supply chain for all charging products at Tesla. Responsible for supplier selection and industrialization during product development, and for supply quality and continuity after start of production.
- Ensuring successful product launches by creating and maintaining project timelines, identifying and mitigating risks, while coordinating the team's work based on priorities and available resources.
- Representing Supply Chain in meetings with Executive Team to provide updates on program status, highlighting schedule, cost, or quality risks, and outlining proposed solutions or mitigation steps.
- Currently building: Wireless Charging, V4 Cabinet, Optimus Charger. Previously launched: V4 Post, Prefabricated Supercharger, Magic Dock, Semi Megacharger.

GE AEROSPACE

Rotational program in manufacturing operations (OMLP) from March 2020 to April 2022.

Production Manager, Gears Manufacturing. Turin, Italy

July 2021 - Apr. 2022

- Managed production on high-mix machining line. Supervised 20 production associates, tasked mfg engineer and QE.
- Improved output, efficiency, and cost. Increased productivity 10% through effective leadership and technical solutions.
- Developed algorithm suggesting production mix based on WIP position and demand. Raised on-time-delivery by 30%.

Technical Program Manager, Advanced Manufacturing Engineering. Turin, Italy

Nov. 2020 - July 2021

- Coordinated an integrated team (design and manufacturing engineering) streamlining gears manufacturing process.
- Successfully navigated technical difficulties and conflicts combining communication and problem-solving skills.
- Eliminated entire groups of operations reducing cycle time (40%) and labor cost (10%) while improving yield (5%).

Lean Manufacturing Engineer, Materials Flow. Naples, Italy

Mar. 2019 - Nov. 2020

- Reduced gate-to-warehouse blocked inventory by over \$7M through digital initiatives and stakeholders' engagement.
- Set up and led daily "inventory reduction control center". Presented weekly to executive team in plant control center.
- Led the introduction of a new SAP module to further improve visibility and control over inbound materials.
- Coordinated construction work for re-layout of goods receiving area and set up of a new inbound warehouse.

EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, MA

2022 - 2023

MS, Supply Chain Management, GPA: 4.9/5

- Capstone project in partnership with BMW: "End-of-life inventory optimization through machine learning".
- Relevant Coursework: Supply Chain Analytics, Logistics Systems, Optimization Methods and Machine Learning.

POLYTECHNIC INSTITUTE OF TURIN, Turin, Italy

MS, Mechanical Engineering, GPA: 104/110

2016 - 2018

- Capstone: Designed a robotic cart for multi-axis alignment of 2-ton magnet for National Institute of Nuclear Physics.
- Erasmus scholarship: Semester abroad at the School of Industrial Engineering of Barcelona (Sept. 2017 – Mar. 2018).

BS, Mechanical Engineering, GPA: 99/110

2013 - 2016

SKILLS & PERSONAL INTERESTS

Project Management: MS Project, Jira, Confluence, Enovia PLM, Warp, SAP, Lean Six Sigma Green Belt.

Mechanical Design: Certified SolidWorks Professional, CAD and structural analysis, GD&T, APQP/PPAP.

Languages: Native Italian, Fluent Spanish. Coding: Python, SQL, HTML/CSS.

Community: Mentor at Lead the Future, providing one-to-one career guidance to top-performing Italian STEM students.