

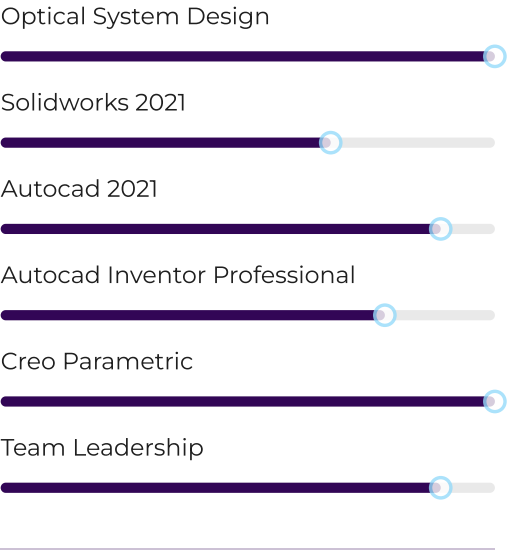


ETHAN MARTINEZ

Opto-Mechanical Engineering Manager

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📍 Los Angeles
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SKILLS



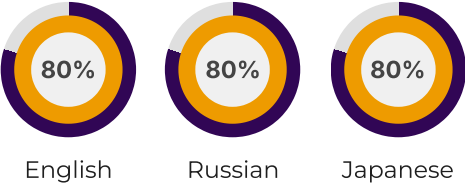
INTERESTS

- 🔧 DIY Projects ✂ Crafting
- 🧘 Meditation 🏛 History

STRENGTHS

- 🌿 Humility 💡 Innovation
- 👁 Insightfulness ✅ Integrity

LANGUAGES



ACHIEVEMENTS

- 🌟 Led a cross-functional team to develop a cutting-edge opto-mechanical system, reducing production costs by 20%.
- 🌟 Achieved a 30% improvement in product performance through innovative design changes in optical components.

PROFESSIONAL SUMMARY

Dynamic Opto-Mechanical Engineering Manager with 7 years of experience leading cross-functional teams in developing innovative optical and mechanical systems. Expert in project management, design optimization, and product lifecycle management, consistently delivering solutions that enhance performance and meet client specifications.

WORK EXPERIENCE

- Opto-Mechanical Engineering Manager** 📅 Apr / 2021-Ongoing
Maple Leaf Consulting 📍 Toronto, ON
1. Led engineering teams in the design and development of opto-mechanical systems, ensuring alignment with project specifications.
 2. Conducted root cause analysis for product failures, implementing corrective actions to enhance product reliability.
 3. Collaborated with cross-functional teams to develop innovative solutions, improving product performance metrics.
 4. Managed project timelines and resources, ensuring on-time delivery of engineering projects.
 5. Developed and maintained engineering documentation and specifications, including Bill of Materials (BOM).
 6. Trained junior engineers in best practices for opto-mechanical design and manufacturing processes.
 7. Participated in design reviews and provided technical guidance to ensure compliance with industry standards.

- Mechanical Engineering Manager** 📅 Apr / 2018-Apr / 2021
Silver Lake Enterprises 📍 Seattle, WA
1. Designed opto-mechanical components using SolidWorks 2021 and AutoCAD 2021, optimizing for performance and manufacturability.
 2. Created detailed engineering drawings and specifications, incorporating GD&T principles.
 3. Managed relationships with suppliers and vendors to ensure timely delivery of high-quality materials.
 4. Conducted feasibility studies for new product designs, assessing technical and economic viability.
 5. Provided engineering support during product testing phases, analyzing data to inform design improvements.
 6. Oversaw the prototyping process, ensuring adherence to project timelines and specifications.

EDUCATION

- Master of Science in Mechanical Engineering** 📅 Apr / 2015-Apr / 2018
University of California, Berkeley 📍 Chicago, IL
- Focused on opto-mechanical systems, advanced materials, and product design.