

Mois Cohen

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B.S. Mechanical Engineering | California Polytechnic State University, San Luis Obispo

September 2021 - June 2025 | GPA: 3.2

PROFESSIONAL EXPERIENCE

Wildland Fire Hose Clamp | Cal Poly SLO, San Luis Obispo, CA

- Senior Project Team Member, September 2024 - June 2025
 - Performing advanced CAD modeling and FEA analysis to optimize product performance
 - Managing iterative prototyping process to meet rigorous emergency response requirements
 - Coordinating with stakeholders to ensure design meets field deployment specifications

K2 Systems US | San Diego, CA

- Mechanical Engineering Intern, June 2024 - September 2024
 - Developed comprehensive technical documentation including customer-facing drawings and certification
 - Designed and constructed test jigs for product validation to streamline certification processes
 - Collaborated with international engineering teams with product development workflows
 - Managed product certification testing and documentation to meet industry standards

Cal Poly SLO | San Luis Obispo, CA

- Mechanical Engineering Research Assistant, April 2024 - Present
 - Conducting research on sustainability and thermal comfort in campus environments
 - Developing and implementing data acquisition systems for HVAC monitoring
 - Analyzing thermal performance data to optimize HVAC system efficiency
 - Collaborating with faculty to evaluate and improve campus sustainability

Nina Labs | Tel Aviv, Israel

- Junior Engineer, June 2023 - December 2023
 - Led design optimization initiatives focusing on manufacturability and production efficiency
 - Managed rapid product testing and validation as one of two engineers within Nina
 - Implemented design improvements based on manufacturing feedback and market requirements
 - Coordinated cross-functional teams to ensure successful product launches

Autoprint Inc. | Poway, CA

- Co-founder and CRO, November 2020 - November 2021
 - Co-founded and led technical development for 3D printing technology startup
 - Managed product development from concept through prototype phase
 - Developed business strategies and financial models to pursue capital investment opportunities
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TECHNICAL SKILLS

Engineering Design & Analysis: SolidWorks, Autodesk Suite, CAD/FEA, Design for Manufacturability, GD&T

Manufacturing: CNC Machining, Prototyping, Quality Control, Production Optimization

Programming: MATLAB, JavaScript, HTML, Python

Business: Financial Analysis, Accounting Principles, Cost Management

Miscellaneous: Student Pilot, Project Management, Technical Documentation, Bilingual (English/Spanish)

LEADERSHIP & ACHIEVEMENTS

Eagle Scout Rank - Demonstrated leadership and project management capabilities

Chabad Board Member - Have held multiple leadership positions including Outreach and Operations team leader