

Mois Cohen

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EDUCATION

B.S. Mechanical Engineering | California Polytechnic State University, San Luis Obispo
September 2021 - June 2025 | GPA: 3.2

RELEVANT ENGINEERING COURSEWORK

-Fluid Mechanics & Aerodynamics	-Heat Transfer & Thermal Systems	-Control Systems
-Advanced CAD/FEA	-Mechanical System Design	-Mechanical Vibrations

TECHNICAL SKILLS

ENGINEERING ANALYSIS	COMPUTATIONAL TOOLS	DESIGN & MANUFACTURING
-Wind tunnel testing	-MATLAB	-SolidWorks
-System Modeling	-Python	-Autodesk Suite
-FEA	-Data Analysis	-Rapid Prototyping
-GD&T	-Excel	-Design for Manufacturing
-Thermal Analysis		-CNC programming and machining

PROFESSIONAL EXPERIENCE

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

- Senior Project Team Member, September 2024 - June 2025
 - Performed advanced CAD modeling and FEA analysis to optimize product performance
 - Developed computational models to predict system behavior under various operational conditions
 - Coordinating with stakeholders to ensure design meets field deployment specifications

K2 Systems US | San Diego, CA

- Mechanical Engineering Intern, June 2024 - September 2024
 - Created testing methodologies for product validation, including data collection and analysis procedures
 - Designed test jigs and fixtures to collect reliable performance data for system optimization
 - Developed analytical protocols to evaluate system performance against engineering specifications

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 to increase device accuracy by over 20%
 - Implemented design improvements based on manufacturing feedback and market requirements

Autoprint Inc. | Poway, CA

- Co-founder and CRO, November 2020 - November 2021
 - Co-founded and led technical development for 3D printing technology startup
 - Managed technical development workflows from conceptual design through prototype validation
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LEADERSHIP & ACHIEVEMENTS

Student Pilot and Ground School Instructor - Developing understanding of aerodynamics and aircraft systems
Eagle Scout Rank - Demonstrated leadership and project management capabilities
Chabad on Campus Board Member - Have held multiple leadership positions managing college aged individuals