

# Cooper C. Schoshinski

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## EDUCATION

Bachelor of Science in Industrial & Systems Engineering  
USC Viterbi School of Engineering – ABET Accredited  
University of Southern California

Anticipated Graduation – December 2025  
GPA 3.4

## RELEVANT COURSEWORK

Optimization  
Discrete Systems Simulation  
Probability Modeling & Data Analytics

Engineering Project Management  
Human Factors Engineering & Ergonomics  
Lean Startup Methodology

## CERTIFICATIONS, TECHNICAL SKILLS

Programming & Analytics – Python, SQL, Power BI, R, Tableau  
Fabrication Equipment – 3D Printing, Laser Engraving

Modeling Software – AutoCAD  
ERP Software – SAP, Oracle

## EXPERIENCE

### Operations Engineering Intern

Lockheed Martin Skunk Works®  
Palmdale, California

May 2024 – August 2024

- Conducted Industrial Engineering analysis on JASSM cruise missile repair kits, evaluating operational planning, workload forecasting, and cost optimization.
- Performed time studies and process flow analysis to improve vacuum bagging operations for composite layups, increasing efficiency by a 15% margin over 30 days and reducing costs.
- Utilized AutoCAD and process simulation techniques to optimize Nomex core flow, improving facility layout and capacity utilization for a Production Control center.
- Designed a Heijunka Board for production leveling, providing real-time operational visibility and workload planning for F-35 LEF and ILEF production departments.

### Chief Operations Officer

Vexcite Bikes  
Minneapolis, Minnesota

August 2023 – Present

- Led process efficiency improvements in prototype development, managing CAD design, supply chain logistics, and production scheduling at a 3-person e-bike startup to construct & deliver 5 functional bikes.
- Developed workload planning strategies for supplier coordination, ensuring cost-effective capacity utilization while maintaining product quality and performance benchmarks.
- Crafted and delivered investor and customer pitches, effectively communicating technical feasibility, market potential, and business strategy to secure funding.
- Led marketing strategy and brand development, increasing brand visibility through targeted analytics.

### Business & Engineering Team Member

USC Racing – Formula SAE Team, University of Southern California

May 2022 – Present

- Bridged communication between engineering and business teams, clearly conveying technical and financial requirements to secure sponsorships and funding.
- Formulated testing plans to efficiently collect data, test subsystem reliability, and improve driver comfort.
- Manufactured components in house using carbon fiber layup techniques.

## ACHIEVEMENTS, AWARDS, COMMUNITY SERVICE

Student Mentor  
Vice President  
Intern Manager

SEP Startup Incubator  
Sigma Alpha Mu  
Kelly Morrison Campaign

USC  
USC  
Minnesota State Senate

January 2023 – Present  
May 2023 – May 2024  
May 2018 – August 2022