

Cooper C. Schoshinski

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cooperschoshinski.com



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
Database Systems Management
Probability Modeling & Data Analytics

Engineering Economic Strategy
Human Factors Engineering & Ergonomics
Lean Startup Methodology

CERTIFICATIONS, TECHNICAL SKILLS

Programming Languages – Python, SQL, Swift
Fabrication Equipment – 3D Printing, Laser Engraving

Modeling Software – AutoCAD, Figma
ERP Software – SAP, Oracle

EXPERIENCE

Operations Engineering Intern

Lockheed Martin Skunk Works®
Palmdale, California

May 2024 – August 2024

- Analyzed the financial viability of hardware modification of JASSM cruise missile repair kits
- Optimized vacuum bagging operations for glass laminate layup processes through time study & financial analysis, reducing costs.
- Drafted AutoCAD facility layouts to optimize Nomex core flow for a Production Control center
- Designed a Heijunka Board to visualize F-35 LEF and ILEF operational delays throughout two production departments

Chief Operations Officer

Vexcite Bikes
Minneapolis, Minnesota

August 2023 – Present

- Directed prototype development in a two-person electric bike startup, managing CAD design, manufacturing coordination, and supplier relationships to deliver two fully functional bike prototypes
- Managed international supply chain, sourcing key components like motors, controllers, and frames to meet performance, quality, and cost goals
- Led marketing strategy and brand development, increasing market visibility, demand, and online presence
- Acquired hands-on experience in interpreting mechanical/electrical engineering documentation

Business & Engineering Team Member

USC Racing – Formula SAE Team
University of Southern California

May 2022 – Present

- Interfaced between engineering and business teams to establish sponsorship and financial requirements
- Formulated testing plans to efficiently collect data, test subsystem reliability, and improve driver comfort
- Manufactured components in house using carbon fiber layup techniques

Vice President

Sigma Alpha Mu
University of Southern California

May 2023 – May 2024

- Managed a \$1.1M budget, optimizing resource allocation for operations, events, and charitable causes
- Developed comprehensive DEI and risk management policies for 150 members
- Designed recruitment strategies that increased event attendance & student engagement by 25%

ACHIEVEMENTS, AWARDS, COMMUNITY SERVICE

SEP Startup Incubator, Student Mentor, University of Southern California
Kelly Morrison Campaign, Intern Manager, Minnesota State Senate

January 2023 – Present
May 2018 – August 2022