# 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

#### **RELEVANT COURSEWORK**

Optimization Database Systems Management Probability Modeling & Data Analytics

#### **CERTIFICATIONS, TECHNICAL SKILLS**

Programming Languages – Python, SOL, Swift Fabrication Equipment – 3D Printing, Laser Engraving **GPA 3.4** 

Anticipated Graduation – December 2025

Engineering Economic Strategy Human Factors Engineering & Ergonomics Lean Startup Methodology

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

## **EXPERIENCE**

Operations Engineering Intern Lockheed Martin Skunk Works® Palmdale, California

- 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

- 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

- 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

- 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

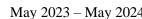
SEP Startup Incubator, Student Mentor, University of Southern California Kelly Morrison Campaign, Intern Manager, Minnesota State Senate

May 2024 - August 2024

August 2023 – Present

May 2022 – Present

May 2023 – May 2024





January 2023 – Present May 2018 - August 2022