

# Ty Peter

Industrial Designer

typeter.com

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## Skills

- Solidworks • Rhino • Blender/Cycles • Keyshot • Generative AI • Rapid Prototyping
- User Research • Sketching/Visualization • Fabrication • Manufacturing Processes

## Work Experience

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### **Design & Fabrication Intern | NYC Norton**

May - August 24' & 25' / Jersey City, NJ

- Designed and prototyped ergonomic seat bracket through user-centered research, analyzing driver anthropometrics to optimize comfort and performance
- Engineered custom battery housing solution through iterative prototyping, balancing material constraints, structural integrity, and manufacturing feasibility
- Solved critical braking safety issue by designing, fabricating, and testing custom torque arm, demonstrating full product development cycle from concept to validation
- Redesigned polishing workflow and tooling system to improve efficiency and finish quality across vintage and racing motorcycle lines
- Maintained precision mechanical systems and prepared championship-winning motorcycle for Laguna Seca '24 race

### **Shop Intern | BestMark National**

May - August 2023 / Irvington, NJ

- Executed full fabrication and installation cycle for commercial interior projects, translating shop work into on-site implementations
- Designed and fabricated custom retail fixtures including display cases, benches, and counters for Undefeated Kicks flagship NYC location
- Fabricated commercial-grade interior components for Capital One including 30+ custom doors, architectural elements, and seating systems
- Fabricated high-visibility interior elements for Wonder Company NYC office, executing complex joinery and finishing techniques on installations featured in brand advertising

## Education

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### **Carnegie Mellon University**

August 2022 - May 2026

Bachelor of Design Degree (Industrial Design)

### **Governor Livingston High School**

September 2018 - June 2022

High School Diploma