

# JILL SCHMID

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Portfolio: [www.jllschmd.com](http://www.jllschmd.com)

Dean's List industrial design major minoring in manufacturing engineering at Rochester Institute of Technology with professional experience in design and manufacturing.

## PROFESSIONAL SKILLS

CAD Programs (SOLIDWORKS, Fusion, Sketchup), Woodworking, Digital Fabrication (FDM, SLA, CNC Routers, Laser Cutting), Wood and Metal Shop Machinery, Electronics (Soldering, Manufacturing & Packaging), Adobe Creative Suite

## EDUCATION

**Rochester Institute of Technology** | 2022-2026 | Rochester, NY  
Industrial Design BFA  
Manufacturing Systems Minor

## PROFESSIONAL EXPERIENCE

**Paul Reed Smith Guitars** | 2025 | Stevensville, MD  
Manufacturing Engineering Intern

- Work with factory floor managers & operators to perform process audits and interviews
- Develop engineering tasks from audits
- Create jigs and fixtures using SOLIDWORKS and digital fabrication as well as traditional techniques
- Manage and improve 3D printing system and printers
- Create engineering drawings

**FabLab at RIT College of Art and Design** | 2023 - Current | Rochester, NY  
Fabrication Technician

- Operate and troubleshoot laser cutters, vinyl plotters, waterjet cutters, and SLA and FDM Printers
- Work with customers to troubleshoot and prepare their projects for fabrication as well as to resolve communication issues and ensure quality
- Use a ticket system to manage a large volume of fabrication requests

**Nova Labs Maker School** | 2022 - 2024 | Fairfax, VA  
Summer Teaching Personnel

- Develop projects and curriculum to teach elementary - high school students CAD, laser cutting, vinyl cutting, 3D Printing, electronics, and other related skills
- Instruct students on CAD, electronics, manufacturing (laser cutter, vinyl plotter, FDM printers), and wood and metal shop tools

## AWARDS, CERTIFICATIONS, AND LEADERSHIP

RIT T-Minus "Best Overall Design," January 2024; RIT Dean's List, 2023, 2024; Six Sigma Green Belt, December 2023; Club Officer and Founding Member of Birding at RIT Club, September 2022-2024