

Jeremiah Daws

Maker · Fabricator · 3D Designer · Machinist

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SUMMARY

Multidisciplinary maker who designs, fabricates, machines, prints, wires, welds, and ships. CAD-to-finished-part across CNC, manual machining, 3D printing, vacuum forming, woodworking, electronics, and theatrical props. Tormach brand ambassador. SkillsUSA National Silver in CNC Turning. Looking for hands-on work where range and creative problem-solving matter — design teams, prop houses, R&D shops, prototype labs, and creative-tech roles.

CORE SKILLS

Autodesk Fusion 360 (CAD/CAM) · 3D printing (Bambu, FDM, resin) · CNC milling & turning · Manual milling & lathe · MIG/TIG welding · Vacuum forming · Woodworking · Plastic injection molding · Mold making · Arduino / ESP32 · Servos & motor drivers · NeoPixels & LED filament · Sensors & OLED/TFT displays · Theatrical props · Mechanical prototyping · GD&T & precision measurement · Tormach & Haas · Bridgeport · Plastic injection molding

SELECTED PROJECTS

- **Lumière for *Beauty and the Beast*** — 3D-scanned, modeled, printed, painted, wired articulated candle hands and head for a high-school production.
- **FidgetCraft** — designed and shipped a magnetic fidget toy on Etsy. Built the injection mold to scale production.
- **Film-industry fabrication** — steadi-cam sled dolly, custom camera plates, grip gear, and prop pieces for Atlanta-area productions.
- **Inception spinning top** — CNC-machined a screen-accurate replica.
- **Vacuum-forming machine** — built from scratch over one late night using a laser cutter and aluminum welder.
- **Mauser bayonet replacement** — reverse-engineered and machined a part for a WWII rifle restoration.
- **Mitaka lightsaber** — Star Wars Visions cosplay piece.
- **Power Ranger / Mando / Aliens** — cosplay-grade helmets and prop weapons.

EXPERIENCE

Owner / Maker / Machinist

Bullfrog Machining — Buford, GA

2021–present

- Operate a working CNC + manual shop in my garage. Tormach 1100MX mill, 15L Slant-PRO lathe, Bridgeport, manual lathe, plastic injection molding, welding, and 3D printing.
- Fabricate parts and props for Atlanta-area film productions, theatrical shows, and small-business clients.
- Tormach brand ambassador — produce demo and educational content for their YouTube channel including the Tormach Garage Series.

Department Head — Creative Technology

Artios Academies of Sugar Hill

2022–present

- Built the Creative Technology department from zero — wrote curriculum, sourced equipment, taught Fusion 360, 3D printing, embedded computing, electronics, fabrication, and game design.
- Lead student maker projects from concept to working build.

Machine Tool Lab Assistant / Content Creator

Lanier Technical College — Gainesville, GA

2021–2023

- Maintained CNC and manual machines; assisted in class and lab instruction.
- Won SkillsUSA National Silver in CNC Turning while completing the Precision Machining program.
- Filmed and edited the program's Instagram content — drove enrollment growth.

EARLIER CAREER

Marketing Video Producer/Editor at Disney Parks (Yellow Shoes) & Disney Consumer Products (2015–2021).
Editor on *Building Wild* (Nat Geo), *Our Wild Hearts* (Hallmark), and *Starting Strong* (Ricky Schroder).

EDUCATION & AWARDS

- Precision Machining & Manufacturing — Lanier Technical College
- SkillsUSA National Silver Medalist — CNC Turning
- Tormach Brand Ambassador
- B.A. Film & Video — Georgia State University