

Malanne Jenkins

Profile

I am a multidisciplinary designer and technician with a background in aviation, aerospace, and fashion. My career began in the U.S. Navy, where I trained in avionics and developed the discipline and precision I carry into my work today. After the military, I transitioned into roles supporting NASA, including helping prototype and construct the Artemis Moon Suit with Axiom Space and PRADA.

Now pursuing my degree in Fashion Design & Merchandising with a minor in Product Development and a concentration in Visual Merchandising, I'm combining my technical expertise with creative vision. I'm passionate about innovation, prototyping, and developing meaningful designs that solve real problems—especially at the intersection of function and fashion.

Skills

Sewing & Garment Construction

- Proficient in domestic and industrial machines: standard, serger, cover stitch, post, bartack, off-arm, zigzag
- Skilled in techniques: flatlock, rolled hem, buttonhole, walking foot, stay stitching, hand sewing
- Experience with structured and unstructured garments, alterations, and functional sewn products
- Sewing machine troubleshooting and maintenance

Design & Merchandising

- Advanced proficiency in Adobe Illustrator & Photoshop
- Mood boards, color theory, trend forecasting, fashion history
- Visual merchandising principles and store layout planning
- Product development fundamentals and sustainable sourcing research

Technical & Mechanical

- Wiring, soldering, PCB assembly, cable harnessing (NASA and military experience)
- Reading and interpreting mechanical, electrical, and garment schematics
- Team collaboration, technical documentation, and prototyping with engineers

Experience

Space Suit Sewing Technician

NSA, Houston, TX | 2022–Present

- Specialized in Class I and Class III work on NASA space suits
- Sewed all layers of pressure garments and space station softgoods
- Collaborated on PRADA x Axiom Space prototype and final suit builds

Owner & Sewist

Key Hunter, Houston, TX | 2016–Present

- Create custom clothing, teach sewing skills, and service sewing machines
- Perform promotional sewing for fabric companies to showcase new textiles
- Work with a variety of machines and materials to create both apparel and product samples

Mechanical Technician

Jacobs, Houston, TX | 2021–2022

- Fabricated mechanical and electrical assemblies for NASA
- Built wiring harnesses, PCBs, and followed technical schematics
- Managed inventory, cleaned components, and performed quality checks

Avionics Technician

NanoRacks, Houston, TX | 2020–2021

- Built internal and external cables and circuit boards for the Bishop Airlock
- Sewed blackout covers and hardware sleeves for spaceflight mockups
- Supported Time Magazine’s Felix & Paul ISS camera project

Gas Recovery Technician

OTE Biomass Energy | TX & NC | 2017–2020

- Monitored gas composition and maintained equipment across multiple sites
- Managed technical reports and facilitated operational meetings
- Designed and sewed custom safety gear for field use

Avionics Technician

J.S. Navy, Norfolk, VA | 2010–2017

- Maintained and repaired H60 helicopters and electrical systems
- Specialized in wiring, troubleshooting, schematic reading, soldering
- Sewed and modified uniforms for shipmates as needed

Education

Bachelor of Applied Arts in Fashion Design & Merchandising

Minor: Product Development | Concentration: Visual Merchandising

Central Michigan University | Expected Graduation: 2026

Basic Electronic Theory

NATTC, Pensacola, FL | 2011

High School Diploma

Warren G. Harding High School | 2010