

MARIO HEARD

Assistant Technical Designer | Apparel Product Developer

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PROFESSIONAL SUMMARY

Assistant Technical Designer with hands-on experience supporting apparel development from pattern preparation and marker making through cutting, sample construction, fit refinement, photography, and launch. Skilled in PatternSmith, AutoMetrix, CLO 3D, DXF workflows, pattern digitization, and garment construction. Brings a quality-assurance mindset, strong visual judgment, and practical production-floor collaboration.

TECHNICAL SKILLS

Software & Production: PatternSmith, AutoMetrix, CLO 3D, DXF workflows, marker making, cutting-file preparation, pattern digitization

Development: Pattern making, pattern grading, fit evaluation, garment construction, sample development, technical documentation, product development

Additional: Product photography, e-commerce content, quality assurance, cross-functional communication

PROFESSIONAL EXPERIENCE

APPARELWERKS | Assistant Technical Designer | Apr 2025 - Present

- Create production markers and cutting files using PatternSmith and AutoMetrix, supporting efficient, accurate cutting workflows.
- Digitize, scrub, clean, and revise client and production patterns to improve accuracy, usability, and production readiness.
- Support cutting-machine operations and review pattern accuracy, cutting quality, and garment construction through development and production.
- Contributed design input to commercially released garments, including a haori-inspired denim jacket.
- Coordinate and photograph apparel for website product pages and e-commerce launches.

MYSTIC LORE APPAREL | Founder, Designer & Technical Developer | 2024 - Present

- Lead end-to-end garment development from concept and CLO 3D pattern creation through sampling, fit refinement, production preparation, photography, and launch.
- Created, graded, produced, photographed, and sold The Ronyn Jacket at Makers Market in Beaverton, Oregon.
- Built a repeatable CLO 3D-to-PatternSmith workflow: create markers, cut samples, sew prototypes, test fit, revise patterns, and prepare garments for production.
- Built Mystic Lore Studio, a custom project and fabric-management system for tracking designs, materials, and production workflows.

LITTLE CINEMA DIGITAL | Quality Assurance Analyst | Sep 2021 - Dec 2024

- Built and executed test cases for web and mobile applications; documented defects and partnered with cross-functional teams to improve product quality.
- Developed transferable strengths in technical documentation, quality control, structured problem solving, and release readiness.

EDUCATION

PORTLAND FASHION INSTITUTE | Pattern Making & Garment Construction | Jul 2025 - Aug 2025

Bodice slopers, measurement analysis, muslin fittings, garment construction, fit development, and pattern drafting.

ARTCENTER COLLEGE OF DESIGN | Film & Photography Studies | Pasadena, CA

Visual storytelling, composition, lighting, creative direction, and production workflows.