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CURRICULUM VITAE

Education

Cornell University

M.A. in Apparel Design, Minor in Computer Science

Expected Graduation May. 2026

University of Southern California

B.S. in Computer Science and Business Administration

May. 2024

Fashion Institute of Design & Merchandising (FIDM)

A.A in Fashion Design

Jun. 2017

Academic/Teaching Experience

Cornell University

Teaching Assistant (FSAD 1450: Introduction to Fashion Design)

Ithaca, NY

Aug. 2024- Present

- Assisted in teaching pattern drafting and sewing techniques to undergraduate students, fostering hands-on skill development.
- Delivered lectures on technical flat sketching, emphasizing industry-standard practices and precision in design communication.
- Created detailed sewing instructions for the major construction project, enhancing student understanding and project success.

Cornell University

Research Assistant (Cornell Fashion and Body Technology Lab)

Ithaca, NY

Aug. 2024- Present

- Conduct comprehensive data analysis and processing of 3D models using advanced software tools, including Geomagic, Blender and Rhino
- Perform data cleaning and refinement from 3D body scans to ensure accurate and high-quality datasets for research purposes

StyleCAD USA

Guest Lecturer (Integration of Artificial Intelligence in the Fashion Industry)

Los Angeles, CA

July. 2024

- Delivered two comprehensive lectures focused on the integration of artificial intelligence in the fashion industry.
- Topics included the application of graphic design tools, the utilization of AI for model image modifications to optimize cost-efficiency, the transformation of conceptual sketches into photorealistic images using advanced AI techniques, and the implementation and significance of three-dimensional fashion design software.
- Facilitated practical demonstrations and interactive sessions to enhance participant understanding and engagement.

iANT Education

Nov. 2022-Jan 2024

Software Programming Instructor
Los Angeles, CA

- Proficiently teach students a diverse range of programming languages, including Java, Python, C++, and web technologies (HTML, CSS, JavaScript), equipping them with a versatile foundation crucial for modern software engineering
- Achieve a 100% pass rate for students in various programming certification exams, demonstrating success in guiding them to excel in assessments testing their knowledge of programming languages such as Java and Python, along with object-oriented principles
- Mentor students in mastering Git for robust version control and guided them in crafting and launching customized portfolio websites using GitHub Pages, empowering them with invaluable skills for web development and project management

Professional Experience

Joanna Blüm Studio

Jan. 2024- Present

Creative Director & Pattern Maker
Remote, USA

- Develop first patterns from scratch using flat pattern making techniques, draping, StyleCAD, and CLO 3D software
- Grade patterns from US size 0 to 18, ensuring accurate fit and proportions
- Create detailed sewing instructions using Adobe Illustrator, enhancing clarity and usability for end users

Beautiful Day Wedding

Jan. 2022- Aug. 2024

Freelance Technical Designer
Los Angeles, CA

- Conducted fittings and provide detailed feedback to ensure proper garment fit, pattern accuracy, and overall quality
- Collaborated with seamstresses to ensure accurate pattern adjustments and garment modifications for wedding dresses
- Conducted consultations with brides-to-be to ensure the optimal appearance of their wedding dress on their bodies. This includes addressing specific requests such as incorporating bra pads and accommodating personalized preferences through meticulous fit adjustments.

Brochu Walker

Nov. 2023- Dec. 2023

Freelance Technical Designer (Temporary)
Los Angeles, CA

- Provided fit comments with relevant detail to correct fit/aesthetic issues and move to approval
- Evaluated samples on fit model and/or dress form to ensure proper maintaining the brands fit
- Facilitated fit sessions and works with the Product Managers and Designers to achieve desired garment fit and aesthetic

Ginger Green

Oct. 2021- Jan. 2022

Freelance Senior Fashion Designer
Los Angeles, CA

- Led the conceptualization and development of fashion collections, translating creative visions into innovative and marketable designs
- Collaborated with pattern makers and technical designers to implement fit adjustments and modifications for optimal garment aesthetics and comfort
- Sourced and selected premium fabrics and materials, considering their suitability for the design concept, and ensuring alignment with client expectations

Mystree

May. 2021- Aug. 2021

Senior Fashion Designer
Los Angeles, CA

- Supervised all in house designers on established corporate timelines. Responsible for inspiring creativity and fostering new concepts that expand on brand defining products and technologies.
- Supervised the development of Mystree's brand and be aware of status
- Managed and participated in daily fit session and provide instruction for further adjustment on garments
- Conducted extensive research on fashion trends, market preferences, and emerging styles to inform design decisions and maintain the brand's relevance

Papermoon

Jan. 2018- May. 2021

Associate Fashion Designer
Los Angeles, CA

- Produced original designs that will help set Papermoon's brand apart from the competition, while reinforcing the brand identity
- Crafted fashion tech-packs using 2D CAD software, primarily Adobe Illustrator, to detail comprehensive garment specifications for production
- Managed and participated in daily fit session and provide instruction for further adjustment on garments
- Worked closely with pattern makers and technical designers to attain exact fit and meticulous construction

Oh Yes Fashion

Oct. 2017- Jan. 2018

Associate Fashion Designer
Los Angeles, CA

- Collaborated with IntoTheAM and Blizzard to produce Overwatch's 2017-2018 tournament apparel consisting of 12 different team jerseys
- Assisted the senior designer in translating creative concepts into seasonal collections for the prominent dancewear brand, iHeartRaves
- Spearheaded the design of a variety of dancewear items, contributing to the brand's diverse and dynamic product range
- Engaged proactively in daily fit sessions, providing detailed fit comments for communication with vendors.

Aime

Jun. 2016- Sep. 2017

Assistant Fashion Designer
Los Angeles, CA

- Actively participated in daily fit session and corrected pattern by hand
- Involved in all stages of the production process, from initial planning to design development and production management
- Collaborated as an assistant fashion designer to develop and draft technical specifications for production in factories
- Conducted thorough inspections of TOP (Top of Production) samples, ensuring quality standards were met, and actively participated in the measurement process to guarantee precise and accurate dimensions

Young 2 Dress

Jun. 2015- Jun. 2016

Graphic & Apparel Designer
Los Angeles, CA

- Generated fresh designs and graphic art specifically for sublimation-printed garments
- Crafted an extensive range of graphic art and promotional materials with innovative designs
- Developed logos and collateral materials tailored to meet client specifications
- Oversaw sublimation printing bulk orders, ensuring accuracy by confirming colors and graphic files

Honors and Awards

Alan D. Mathios Research and Service Grant 2024
President's Volunteer Service Award 2023

Certification and Licensure

Amazon Web Services(AWS) Aug. 2023
AWS Certified Cloud Practitioner

- Learned about AWS Fundamentals including EC2, S3, AWS Lambda, DynamoDB, Encryption SDK, CloudFront, Redshift and more
- Certificate Verification Number: CT40GH217J44Q1KF

Oracle Jun. 2023
Oracle Certified Associate, Java SE 8 Programmer

- Demonstrated mastery of Java SE 8 programming, showcasing expertise in fundamental Java concepts, object-oriented programming, and essential APIs
- Certificate Verification Number: 20425079OCAJSE8

Technical Skills

Fashion Design: Technical Drawing (flats), Pattern Making (both hand and digital- Gerber Technology, StyleCAD), Draping, Sewing/Garment Construction, Fashion illustration, 2D Computer-Aided-Design (Adobe Photoshop, Adobe Illustrator, Procreate), 3D Computer-Aided-Design (Clo3d, Browzwear), Technical Garment Fitting, 3D Printing, Rhino, Blender

Computer Science: Software Development(Web Development, Mobile App Development(Android and iOS), Machine Learning (Predictive Modeling, Data Modeling, Natural Language Processing), Unit Testing, Data Analysis

- Tools & Software: C/C++, C#, Java, Python, R, HTML5/CSS3, JavaScript, MATHLAB, jQuery, SQL, Git, Figma, MS SQL, MySQL, PHP, React, Amazon Web Services(AWS), Qt, Visual Studio, Xcode, Eclipse, PyTorch, IntelliJ, Unreal Engine, Unity, RStudio, Maven, MongoDB, Maven, Android Studio, Clion, Power BI, Android Studio, Firebase, Microsoft