Sujin(Joanna) Yoo

Master's Student · Apparel Design / Computer Science

Ithaca, NY

✉ sy797@cornell.edu | ⌂ www.sujinjoannayoo.com | in www.linkedin.com/in/joannasujinyoo

Education

Cornell University *Ithaca, NY*
M.A. Apparel Design with a Minor in Computer Science *Aug.2024 - May.2026 (Expected)*
- Advisors: Dr. Fatma Bayter, Dr. Steve Marschner

University of Southern California (USC) *Los Angeles, CA*
B.S. Computer Science and Business Administration *Aug.2021 - May.2024*
- Combined Bachelor of Science degree program

Los Angeles Trade-Technical College *Los Angeles, CA*
A.S. Mathematics *Jan.2019 - May.2021*
- Earned concurrently with full-time employment

Fashion Institute of Design and Merchandising (FIDM) *Los Angeles, CA*
A.A. Fashion Design *Mar.2015 - Jun.2017*

Research Experience

Cornell University *Ithaca, NY*
Advisor: Dr. Fatma Baytar, Dr. Steve Marschner *Aug. 2024 - Present*
- Thesis: "Developing an Automated Pattern Adjustment Tool for Home Sewers"

Cornell University *Ithaca, NY*
Cornell Fashion and Body Technology Lab *Aug. 2024 - Present*
- Conduct comprehensive data analysis and processing of 3D models using advanced software tools, including Clo3D, Geomagic, Blender, and Rhino, with applications in apparel design, fit evaluation, and digital pattern development
- Process and refine 3D body scan data to ensure accuracy for garment fit analysis, pattern adjustments, and apparel research applications

Teaching Experience

2025	**DEA 1140:Principles of Design Computing**, Graduate Student Lecturer, Cornell University
2025	**FSAD 1450: Introduction to Fashion Design**, Teaching Assistant, Cornell University
2024	**FSAD 1450: Introduction to Fashion Design**, Teaching Assistant, Cornell University
2024	**Integration of Artificial Intelligence in the Fashion Industry**, Guest Lecturer, StyleCAD USA
2022-2024	**Software Programming Instructor**, iANT Education, Los Angeles, CA

Professional Experience

2024-ing	**Creative Director,** Joanna Blüm Studio
2022-2024	**Freelance Technical Designer,** Beautiful Day Wedding
2023	**Freelance Technical Designer,** Brochu Walker
2021-2022	**Freelance Senior Fashion Designer,** Ginger Green
2021	**Senior Fashion Designer,** Mystree
2018-2021	**Associate Fashion Designer,** Papermoon Clothing
2017-2018	**Associate Fashion Designer,** Oh Yes Fashion
2016-2017	**Assistant Fashion Designer,** Aime
2015-2016	**Graphic/Apparel Designer,** Young 2 Dress

Publications

Baytar, F., Yang, Y., Maher, M., Rivera, I.,**Yoo, S.** & Patel, S. 2025. Implementing 3D Body Scanning Methods for Inclusive Swim Cap Design and Sizing. HCII 2025.

McDonald, C.*; Ruderman, G.; Carmicino, B.; Bayter, F.; Navodhya, P.U.; Maher, M.; **Yoo, S.**. Posture Descriptors (PARCS): What We Know and the Gaps. In Proceedings of 3DBODY.TECH 2025 (accepted, forthcoming)

Awards, Fellowships, & Grants

2025	**1st Place, HCD Graduate Student Poster Contest,** Cornell University	*$ 250*
2024	**Recipient, Alan D. Mathios Research and Service Grant,** Cornell University	*$ 1,000*
2023	**Outstanding Team Project Award (Android App),** University of Southern California	

Certification and Licensure

AMAZON WEB SERVICES(AWS) CERTIFIED CLOUD PRACTITIONER

Certificate Verification Number: CT40GH217J44Q1KF

ORACLE CERTIFIED ASSOCIATE, JAVA SE 8 PROGRAMMER

Certificate Verification Number: CT40GH217J44Q1KF