

ADITI GALADA

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LinkedIn

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Website

https://aditi-galada.github.io/portfolio/

Skills

3D CAD

AutoCAD, Clo3D, Optitex, Browzwear,

Apparel Design

Pattern Making, Garment Construction, Sewing

Design Tools

Laser Cutting, 3D Printing,

Adobe Creative Suite

Illustrator, Photoshop, InDesign

Microsoft Software

PowerPoint, Word, Excel, Project, Outlook

Textile

Weaving, Fabric Testing

Programming

Python, C++, HTML/CSS

Relevant Coursework

Understanding Functional Aspects of Clothing & Design

Human Factors:

Anthropometrics and Apparel

Apparel CAD & Grading

New Technologies in Fashion Design



EDUCATION

Master of Arts in Apparel Design • Cornell University, Ithaca, NY

December 2022 (Expected)

Cumulative Grade Point Average: **4.2/4.33**

Major: Apparel Design | Minor: Human-Computer Interaction

Professional Memberships: International Textile and Apparel Association, Association of Computing Machinery, Cornell Graduate Student Association

Bachelor of Fashion Technology • National Institute of Fashion Technology, India

July 2020

Cumulative Grade Point Average: **9.8/10.0**

Awards: Best Academic Performance, Best Graduation Project, Most Commercially Viable Project

RELEVANT EXPERIENCE

Cornell Digital Fashion and Body Scan Research Lab • Research Assistant **June 2021 – Present**

- Collaborated with a five-member research group that analyzed the impact of using 3D body scanning on fit satisfaction, attitude, and purchase intention in online mass customization.

Developed questionnaires, conducted literature review, coded data, and analyzed responses

- Received funding to support a project to analyze the potential of using immersive

Virtual Reality as a training medium for improving fit correction skill of technical designers

when using digital prototyping software programs

- Developed an equation to predict crotch length with 90.53% accuracy using easy to record body measurements by running regression on the sizeUSA database to enable precise mass customization

Hybrid Body Lab, Cornell University • Research Assistant

June 2021 – August 2021

- Collaborated with a multi-functional team to brainstormed ideas, created and tested prototypes of detachable and customizable woven patches embedded with Shape Memory Alloy actuators that enabled movements including bending, expanding, and shrinking

Biba Apparels Private Limited • Retail Manager

June 2020 – January 2021

- Managed a team of 8 retail associates at two retail stores, interfaced with customers, tracked, and analyzed customer feedback, managed inventory, forecasted sales, selected product assortment in tradeshow and contributed to the overall success of the store

Kontoor Brands Inc • Product Development Intern

January 2020 – March 2020

- Created tech packs, updated PLM and assisted in design of AW'20 product range

- Contributed to fit analysis and review sessions with merchant, and design teams

- Received, tracked, managed and sorted samples for the roadshow Set fit standard by creating a revised size chart using K-Mean clustering

- Developed a real-time competitor analysis tool to perform market mapping

Raymond Apparel Limited • Industrial Engineering Intern

June 2019 – August 2019

- Developed a real time production monitoring system for the mass customization production unit through artificial intelligence

- Increased the productivity of cutting department by more than 50% through industrial engineering techniques and improving ergonomic design of the workplace

Arvind Limited • Operations Intern

June 2018

- Comprehended the concept of spun yarn production, woven and knit grey fabric production, dyeing, printing, finishing and textile testing

Indian Terrain Fashions Limited • Supply Chain Intern

July 2017

- Contributed to the supply chain department in preparing for the AW'18 roadshow by following supplier deliveries, preparing tech packs, and assessing quality of samples

PUBLICATIONS

Galada, A. and Baytar, F. (2021). Developing a prediction model for crotch length measurement to improve bifurcated garment fit and enable mass customization. *International Journal of Clothing Science and Technology* (Submitted for Initial Review)

Baytar, F., Kim, Y., Maher, M., **Galada, A.**, and Devine, C. (2021). Examining lower-body measurements at the trochanterion level to inform absorbent product sizing using 3D body-scanning technology. *International Journal of Clothing Science and Technology* (Submitted for Initial Review)

Ku, P., Huang, K., **Galada, A.**, and Kao, H.L. (2021). Patch-O: Shape Changing Woven Patches for On Body Actuation. CHI Conference Extended Abstracts on Human Factors in Computing Systems. (Forthcoming)