Sarah Hontoy-Major

sarahhm.art

Montreal, Qc, Canada

sarah.hm@hotmail.ca
(514)-865-0804

SUMMARY

- Computation Arts undergraduate student (2024), with Political Science (2017) and Fashion Design Degree (2020).
- Worked as a research assistant in various academic wearable, design, and technology labs over the last 4 years.
- Passionate on the subjects of toolmaking, knowledge accessibility, collaboration, and chaos.

EMPLOYMENT

Web developer, Research Assistant
Since May 2023

Indigenous Futures Research Center, Concordia University — Montreal, Qc

- Maintaining and updating more than 7 active websites; currently in the production of 4 new websites.
- Using WordPress framework to build child themes, plug-in, and custom styling.
- Implementing a new design-dev website development road map using Figma, Make and Bricks tools.

Graphic Designer, Research Assistant
January—July 2023

Diament Research Chair in Design for e-Mental Health, UQAM — Montreal, Qc

- Produced a database of 100+ highly curated AI generated images focused on mental health themes.
- Prompt engineered according to the specific demands of 5+ partners, namely L'Ordre des Psychologues du Québec and Le Devoir.
- Produced a guide to AI generative graphic design along a public workshop on Midjourney with 50+ attendance.

Fashion Designer, Research Assistant
May 2022—June 2023

Atelier Ying Gao, UQAM — Montreal, Qc

- Assisted in the development of 3 projects, each including 2 motorized wearables, over the course of 4 months, namely with supply, sewing, laser cutting, silicon and mirror material modification tasks.
- Monitored technological developments by interviewing mechanical researchers and attending interuniversity residencies.
- Produced the technical pack and shipping 4 individual motorized garments to local and international exhibitions.

Documentation Room Coordinator
June 2020—May 2021

Design and Computation Arts Department, Concordia University — Montreal, Qc

- Assisted undergrade and graduate Fine Arts students in documenting their work with photography studio equipment.
- Participated in the documentation of the end-of-year Design and Computation Arts student exhibition Flux with project and artist (portrait) studio photography.

3D technician
May 2020—Nov 2021

Perfitly — Montreal, Qc

- Developed hundreds of 2D and 3D fashion patterns for large scale and high-end international fashion retailers.
- Assisted software engineers in the implementations of automation processes and UI/UX design.

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Research Assistant

May 2020—Nov 2021

Vestechpro Research Centre, Marie-Victorin College

Montreal, Qc

- Produced two 50-page catalogues, respectively on sustainable and local production chains from fibers to finished garment for the fashion industry, and on technical fabrics and materials for the wearable industry.
- Assisted in the production of wearable prototypes for commercial clients with technical equipment, namely an ultra-sonic bonding machine.

EDUCATION

BFA—Computation Arts Specialization

Graduating 2024

Concordia University

Montreal, Qc

- Exploring HCI through pattern making and creative coding with a focus on digital-to-tangible methodologies in network and programming courses.
- Produced wearables and screen-based projects (interactive and non-interactive), 3 of which were presented in exhibitions.
- Completed classes in complementary disciplines, namely design, sculpture, theology, and linguistics.

DEC—Fashion Design

2020

Marie-Victorin College

Montreal, Qc

- Completed a student exchange at the Lycée de la Mode in Cholet, France in 2019.
- Developed a full collection autonomously over a year, using material modification technique such as ultra-sonic bounding and 3D printing.

DEC—Social Sciences

2017

Dawson College

Montreal, Qc

- Completed a 20-page literature review of the migratory crisis in the Northern Triangle of Central America.
- Completed a 5-week credited course in Nicaragua, composed namely of conferences, co-op visits, and lectures.

AWARDS AND ACHIEVEMENTS

Club Representative, Computation Arts Students Society

Since 2024

Concordia University | Montreal, Qc

Data_patterns (2022) presented at Strata Exhibition

April 2023

Concordia University | Montreal, Qc

Panelist on AI in design panel

Since 2024

Apero UX | Montreal, Qc

Femme (2022) presented at Flux Exhibition

April 2022

Concordia University | Montreal, Qc

Data_scapes (2022) presented in the *_scapes* mediation at the 4th space

December 2022

Concordia University | Montreal, Qc

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Coordinator of in.site symposium at the 4th Space

Concordia University | Montreal, Qc

Event in September 2022

SKILLS

Pedagogical	Programming	*HTML/CSS, JS, PHP, CMS (WordPress)*
Articulate	CAD/CAM	*Adobe CC, Blender, Rhino, CLO, Assyst, …*
Problem Solver	Fashion Design	*sewing, pattern making, tech packs*
Avid learner	Material Modification	*R&D, bonding, silicone, motorized wearable*
Proactive	Everything *water*	Lifeguard, scuba diver, swimmer, marine life enthusiast