

Maker. Cyborg. Technologist.

AT A GLANCE: I am an educator, Artist and creative technologist focused on building accessible community spaces through education, collaborative projects, radical curriculum design and inclusivity. I believe in using technology and code as a medium for discovery, empowerment and exploring the folly of the moment.



COMMUNITY

Outreach and leadership, organization, community building, diversity and inclusivity focus, event planning, volunteer coordinating, LGBTQ outreach, social media management.



TEACHING

Curriculum design, undergraduate teaching, youth outreach, technical workshops, design thinking, feminist pedagogy, accessibility, popular education, inquiry and based teaching,



TECHNOLOGY

Digital Fabrication: Laser cutting, 3D Printing, CNC, electronics, Arduino, welding, wood working, shop safety, soldering, wearable technology, soft circuits, Adobe CS Augmented/Virtual reality. soft circuits



PROGRAMMING

HTML5, CSS3, JavaScript, jQuery, less.js, PHP, lua, C++, Unity, UDK, Actionscript, Processing, Arduino, Wordpress, OpenFrameworks, Twine, Python, C#, Node.js, ember.js Bootstrap, Sass. js Cordova/phone gap, agile development and test driven development techniques.

Teaching

Director of Education

STEAM LABS COMMUNITY MAKERSPACE, 2015 - 2017
Curriculum design, studio-space development, tools and material acquisition, community engagement and teaching for adults and children. STEAMLABS.CA

Youth Class Facilitator

TORONTO TOOL LIBRARY 2015
www.TorontoToolLibrary.com

Research & Co-founder,

LITTLE DADA./STUDIO [Y]. 2014 - 2015. www.LittleDada.ca

Sessional Instructor:

Interaction Design
SHERIDAN COLLEGE, 2015-2017.

Sessional Instructor:

Digital Futures Initiative OCAD UNIVERSITY, 2016-Present

New Media Instructor

DESIGN EXCHANGE,
2016-PRESENT
www.dx.org

Research / Educator

INSTITUTE FOR RESEARCH IN DIGITAL LEARNING
YORK UNIVERSITY,
2016-PRESENT
www.irdl.info.yorku.ca

Sesional Instructor:

New Media RYERSON UNIVERSITY, 2018

Curriculum Designer

ZERO TO STARTUP, 2015-2016
www.ZeroToStartup.org

Education Officer

SITE 3 COLABORATORY,
2012-PRESENT www.Site3.ca

Innovator In Residence

TORONTO PUBLIC LIBRARY
SUMMER 2015

Instructor

INTERACCESS - 2016-PRESENT
www.Interaccess.org

Community

Director, Site 3 CoLaboratory,
2013 - PRESENT. Organizing and leading projects at a not for profit arts & technology community space. SITE3.CA

Co-Founder ADVENTURE
BOX COLLECTIVE 2017

Innovator In Communities,
TORONTO PUBLIC LIBRARY,
2014 - 2015. A teaching series throughout Toronto's community centres on Arduino, web development and coding.

Satellite Events Team,
MAKER FESTIVAL TORONTO, 2016
Coordinating 100+ events around Maker Festival with over 12,000 attendees

**Artist In residence Program
Coordinator** SITE 3, 2015-16
Facilitating, recruiting and supporting artists in a 4 month residency at Site 3 colaboratory

**LGBTQ Shop nights Co-Founder
Site 3 coLaboratory**
2014 - PRESENT
Organization and leading of weekly LGBTQ inclusivity community events.

**Make Friends Monthly Co-Founder,
Little Dada,** 2015 - PRESENT
Monthly meetups of makers and community leaders in Toronto, rotating venues.
MAKEFRIENDSMONTHLY.COM

Site Bee Pop-up Shop Co-Founder,
SUMMER 2014. Created and ran a two month long pop-up shop with local artists and makers.

FemTechNet
Exploring distributed pedagogy and community building.

Little Dada

Co-Executive Director: Little Dada, 2014-PRESENT

Little Dada is an organization of Creative Technologists for social change. Our goal is to interlace opposites and all contradictions, using art and technology to teach lateral thinking, creative practices and educate diverse learners. Little Dada runs events, classes, workshops and happenings. We provide weekly, monthly and yearly events to bring together Toronto's creative community.

Responsibilities include: Community outreach, planning, workshop and curriculum design, financial management. **LittleDada.ca**

Technology

**FESTIVAL OF CURIOSITY,
ELECTRO THREADS** 2017

Technical producer on Wearable Tech fashion show in Dublin.

**RYERSON UNIVERSITY:
COLLABORATORY MAKERSPACE
TECHNICAL LEAD,** 2017 - present
Building, designing, and training staff for the faculty facing Makerspace.

**MAKE WORKS PROTOTYPING
MANAGER,** 2017
Produce functional prototypes for clients using digital fabrication methods.

DIGITAL FABRICATOR & OWNER
ZAP! Laser cutting, 2014 - 15.
Laser cutting and digital fabrication services and consultation.

FULL STACK WEB DEVELOPER
Freelance - Ongoing
Web development services and consultation

**CREATIVE TECHNOLOGIST
CONSULTING** Freelance - ongoing
Building installation and physical computing projects

GRADUATE RESEARCHER (various).
Anthill Lab, Mobile Lab, Inclusive design research center.

**FRONT-END DEVELOPER
(SPECIALIZATION)**
CROWD TWIST / crowdtwist.com

**FULL STACK DEVELOPER
LEARNING MODULES PROJECT**
YORK UNIVERSITY 2016
Institute for research on digital learning.
www.irdl.info.yorku.ca

Conference Organization

Make Change 2015-2017 LITTLE DADA / MAKER FESTIVAL TORONTO
Coordinated a conference and showcase with Maker Festival Toronto about critical engagement with Maker culture. Recruited, facilitated, budgeted and organized 26+ speakers and sessions with 150+ attendees

Southern Ontario Maker Space Conference (SoOnCon) 2015
Organizing and developing the Southern Ontario Maker Space Conference. Coordinating and facilitating 10+ organizations in Southern Ontario speaking attending. SOONCON.CA

Different Games Toronto (2017) Project manager and coordinator for Toronto branch of the Different Games conference.

Education

PhD student in Social Justice Education

ONTARIO INSTITUTE , UNIVERSITY OF TORONTO 2017-2021 in progress.

Social Entrepreneurship Bootcamp

CENTER FOR SOCIAL INNOVATION 2016.

Masters of Fine Art (MFA) in Digital Futures

OCAD UNIVERSITY, 2012 - 2014.

BFA Computation Arts

CONCORDIA UNIVERSITY, 2011

DEC Visual Arts

DAWSON COLLEGE. 2008

Awards & Residences

Artist In Residence

SOCIAL BODY LAB, 2017 (CURRENT)

Dames Making Games 2016

GDC Scholarship Recipient

Animating Torontos Parks

Toronto Art's Council Grant

Innovator In Residence

Toronto Public Library

Younger Than Beyonce Artist

Residency Resident

OCADu Graduate Scholarship

Recipient 2012 & 2013

Toronto Hardware

Hackathon 2013 Mentor

Classes

All curriculum is designed through a project and inquiry based lens. Classes are facilitated with a popular education practice.

Wearable Electronics

OCAD University 2017

Computational Studio

Sheridan College 2017

Interactive Objects 2

Sheridan College 2017

Physical Computing

OCAD University 2016-18

Computational Media

Sheridan College 2016

Interactive Objects 1

Sheridan College 2016

Digital Media Principles

Sheridan College 2016

Game Design Fundamentals

Sheridan College 2015

IMC (Programming basics)

Sheridan College 2015

U of T "iSkills" workshop

(Faculty of information) 2017

Maker Bootcamp 2016

STEAMLabs, Ongoing

Wearable Tech (Youth)

York University / TDSB

Electronics Masterclass

Design Exchange

Wearables Masterclass

Anouk Whippercht

Unity Programming

Interaccess

Augmented Reality

Programming, Interaccess

Arduino / Electronics (Youth)

STEAMLabs, TDSB, Toronto Tool

Library, Toronto Public Library

3D Printing (Youth/Adult)

STEAMLabs, Design Exchange

Ongoing classes

Internet Of Things, Web programming, Wearable Technology, Unity programming, Augmented Reality, Arduino, Processing, Circuits, Design Thinking, Ember.js, Unity, HTML/CSS, Wearable Technology, Processing, JavaScript

Interviews

What She Said **SiriusXM**

(04.01.17)

Drone Dress for
Make Fashion

What She Said **SiriusXM**

(03.08.16)

Women, Diversity
& Tech

Metro Morning **CBC** (02.15.16)

Star Wars "Rey
Day" Hackathon

The Current CBC (08.19.2015)

Panelist
"The Right
to Tinker"

Selected Exhibits, Talks & Articles

Ontario Centres for Excellence 2017, exhibitor

Design Exchange 2017, "InStore" exhibitor

Toronto Comic Arts Festival 2017, "Science of super heros" speaker

Make Fashion 2017, "re: familiar"

Cirque-it 2017, "Cyborg Armor"

Grow Op 2017, Gladstone Hotel

HelloCon 2017, Invited Keynote Speaker

Come Up To My Room 2017 Gladstone Hotel Support/ Technical Lead, Funded by TAC

Nuit Blanche 2016, Orbs

Hand Eye Society Ball 2016 Annual General Mischief

Critical Maker Education Speaker 2016 ITP NYU

MISC Magazine, ARTICLE: *Building the Feminist Cyborg Revolution*

DigiFest 2016 FUTURE5 Speaker

Reconstructing Resilience 2016 Speaker, OCADu

Different Games Conference 2016, Speaker

FemTechNet 2016 Speaker, Ann Arbor Michigan

Toronto Design Offsite Festival Speaker 2016 MaRS Discovery District

Space Jam YTB Gallery, Jan.2016, Exhibitor

Indigiecade, DMG 2015 Speaker 2015, Bento Miso

Indiecade 2015, Exhibitor

Atomic Lollipop 2014, Speaker, Ontario Science Centre

GradEx 2014, OCADU Exhibitor

Light 2014, OCADU Exhibitor

TEDx 2013 Speaker TEDx OCADu.

Dames Making Games 2013, Speaker

Level Up 2013 Exhibitor

Social Engineer, OCADU Graduate Gallery 2013.

Possibility Spaces 2011 Exhibitor

Events

MAKE FRIENDS MONTHLY, Little Dada, 2015-ongoing

A LAB OF ONE'S OWN International Women's Day, Little Dada, 2016-17

REY DOLL HACKATHON SteamLabs 2016

TOASTRAITS Maker Festival Toronto

STUPID SHIT NO ONE NEEDS AND TERRIBLE IDEAS HACKATHON Ryerson University 2016 *Featured on cbc's the current*

RIDICULOUS AUCTION Site 3 Colaboratory, 2014

Projects

ANDROID APPARATUS Little Dada, 2017.

RE:FAMILIAR Little Dada, 2017.

WEARABLES MASTERCLASS Anouk Whippercht, Digifest 2016.

ANEMOIA NIGHT PARADE Technologist, 2016

ANIMATING TORONTO'S PARKS Toronto Arts Council / Hand Eye Society, 2016

PUNK PRISM POWER, DEVELOPER & ARTIST Showjammers / DMG / Vector Game Festival / Indiecade / Maker Festival Toronto, 2015-16 punkprismpower.com

SUBLIME APPARATUS Technologist, 2015

THE ANTHROPOLOGISTS MARKET Scotiabank Nuit Blanche, 2015.

ADVENTURE BOX AT SITE 3, CO-FOUNDER Scotiabank Nuit Blanche, 2014. adventurebox.net

HUSTLE BUSTLE Little dada / DMG 2015.

MY AMIE, CO-CREATOR PCH Hardware Hackathon 2015.

PEOPLE'S PEDAL POWERED Charlie's Bike Joint 2014

CYBORG GARDEN Artist and technologist 2014

LASERSAUR BUILD Toronto Tool Library, 2013

BURRITO HACKS, DEVELOPER & ARTIST Random Hacks of Kindess 2012

SEASONS DEVELOPER & ARTIST Global Game Jam 2012,