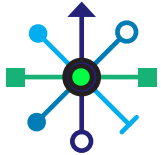


Community Leader. Educator. Technologist.

AT A GLANCE: I am a community leader and educator working in experimental technology settings to bring together teams. I have a background in wearable tech, cybernetics, academic research, and creative technology.



LEADING

Outreach, fundraising, team building, organization, community building, diversity and inclusivity, event planning, volunteer coordinating, mentorship, coaching, facilitation, team growth and development.



TEACHING

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



MAKING

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



PROGRAMMING

HTML5, CSS3, JavaScript, jQuery, React.js, Ember.js, Angulars.js, PHP, C++, Unity, UDK, Processing, P5.js, Arduino, Wordpress, Open-Frameworks, Twine, Python, C#, Node, Ember.js, Cordova/ phone gap, agile development.

Leadership

Senior Manager - R&D, Sheertex

2020-2021. I led a team of fibre scientists, designers and engineers in doing experimetal polymer science in Montreal working on the world's first unbreekable hosiery. SHEERTEX.COM

Co-Executive Director & Co-Founder, Little Dada

2014-2021. Little Dada is an organizaiton of Creative Technologists, whose goal is to interlace opposites and all contradictions, using art and technology to teach lateral thinking, creative practices and educate learners. Little Dada runs events, classes, workshops, and happenings. LITLEDADA.CA

Senior Technical Lead & Facilitator, Ryerson Library Colaboratory

2017 - 2018. Designing lab and maintaining digital fabrication tools for the first faculty research lab led by the Ryerson University Library. RYERSON.CA/COLAB

Director of Education, STEAMLabs Makerspace 2015 - 2017

I led a team of creative technologists in building an education program and physical location for this large Makerspace in Toronto from the ground-up. STEAMLABS.CA

Prototyping Manager, Make Works, 2017

Produce functional prototypes for clients using digital fabrication methods. MAKEWORKS.CA

Education

PhD student: Faculty of Information.

University of Toronto. 2018 - 2021.

My dissertation is about media theory in space settlements, with a focus on feminist science and technology studies and methods of fabrication.

Advisor Dr Sarah Sharma

PhD student: Social Justice Education

OISE University of Toronto, 2017 - 2018

Masters of Fine Art (MFA) in Digital Futures

OCAD University, 2012 - 2014.

My thesis was about design technologies for plants in urban environments, and materialist media theory.

Advisor Simone Jones

BFA Computation Arts Specialization.

Concordia University, 2009-2011

DEC Visual Arts, Dawson College. 2006-2008

Social Entrepreneurship Bootcamp - Growth, Centre for Social Innovation, 2016

Laser Safety Training ANSI Z136.1-2014, University of Toronto, , 2019

Canadian Film Centre Medial Lab, 2013

WHMIS CERTIFICATION
Renewed 2020

Teaching

I teach a variety of technical and theory based classes to both graduate and undergraduate students. My classes build theory and practice together, centring the existing experience and knowledge of learners in the discovery process. Collaborative, iterative, and explorative processes are used to engage students on topics from basic electronics, to wearable design concepts, critical theory, and programming.

Physical Computing OCAD University Digital Futures, 2016 - 2020. Arduino and basic electronics for artists, both technical and creative implementation of electronics. DIGF 2002

Emerging Media Practices: Cybernetics and Body Centric Technologies Ryerson University, New Media 2018 - Present Theoretical and hands-on exploration of cybernetics, the current, and future wearable technology industry and scene. RTA 968

Wearable Electronics Ryerson University School of Fashion 2018 - 19. Wearable electronics integration from a fashion apparel perspective FSN 599

Wearable Electronics Studio OCAD University Digital Futures 2017 - 2020. Smart fabrics, DIY sensors, and smart materials exploration of industry and art for interdisciplinary students. DIGF 2016

Wearable Computation OCAD University Digital Futures 2019. Integrating microcontrollers and e-textile materials with traditional craft-based electronics with interdisciplinary students. GDES 3015

Computational Studio Sheridan College, Interaction Design 2017. Technical thesis class for undergraduate students, covering a variety of topics tailored to student projects.

Interactive Objects 2 Sheridan College, Interaction Design 2017. Physical computing and electronics, wireless networking and cross platform systems.

Interactive Objects 1 Sheridan College, Interaction Design 2016 Basic electronics and physical computing for interactive media students, Arduino, electronics theory.

Digital Media Principles Sheridan College, Interaction Design 2016 Web programming for creative students using 3JS and basic JavaScript concepts, object oriented programming and procedural.

Game Design Fundamentals Sheridan College, Game Design 2015. Introduction to game design concepts.

IMC Programming basics Sheridan College, Game Design 2015. Programming for artists using Processing and basic object oriented code.

Community

Community Consultant, Aplenglow Industries
2021 - PRESENT. .
APLENGLOWINDUSTRIES.COM

Community Manager, Hackaday / SupplyFrame,
2018 - 2021. . HACKADAY.IO

Board of Directors, PleasureDome,
2021 - PRESENT. PDOME.ORG

Chair of the Board of Directors, Site 3 CoLaboratory,
2013 - 2019. SITE3.CA

Organizational team member, BioHacking Village (DEFCON) 2020-Present

Code of Conduct officer BioSummit at MIT Media Lab. October 2019

Education Officer, Site 3 coLaboratory, 2012-2014

CoFounder, Adventure Box Collective, 2017 - 2019. Arts and technology collective in Toronto, Ontario.

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.

LGBTQ Shop nights Co-Founder, Site 3 coLaboratory 2014 - 2019. Organization and leading of weekly LGBTQ inclusivity community events.

Make Friends Monthly Co-Founder, Little Dada, 2015 - 2018. Monthly meetups of makers and community leaders in Toronto, rotating venues. MAKEFRIENDSMONTHLY.COM

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

Tech & Research

Researcher,

KMDI / Semaphore 2018 - 19.

Research assistant in the Makerspace, and ongoing technology projects with Dr. Sara Grimes.

Creative Technologist Consulting

2014 - 2019. Building installation and physical computing projects

Etherium Bridge #ARTPROJECT

2018. Designing and building interactive installations connected with Ethereum blockchain

Digital Fabricator & Owner

ZAP! Laser Cutting, 2014 - 15.

Laser cutting & digital fabrication services & consultation.

Full Stack Web developer

Freelance. 2011 - 2014

Web development services and consultation.

Graduate Researcher (OCAD University). Anthill Lab, Mobile Lab, Inclusive design research center.

Front-End Developer (Specialization), Crowd Twist. 2011 - 2012. crowdtwist.com

Full Stack Developer, Learning Modules Project

York University. 2016-2017
Institute for research on digital learning. irdl.info.yorku.ca

Publications

E-Textiles: Power and Restance

Lee Wilkins in Journal of Virtual Creativity, April 2020 — Peer Reviewed

Wires, LEDs and Buttons- Lee Wilkins, self published, November, 2019

Pandemic Fashion - Lee Wilkins on *Supplyframe Hardware*, April, 2019

Who is buying and certifying the voting machines for the 2020 election?

Lee Wilkins on *Supplyframe Hardware*, SEPT 5, 2019

The future of implantable technology

Lee Wilkins on *Supplyframe Hardware*, March 27, 2019

2019-07-22 Guest Editor *The Prepared.*

Lee Wilkins and Hillary Predko

Clothes Minded in *Make Magazine*, May 2018

Building the Feminist Cyborg Revolution.

Misc Magazine. L. Wilkins. June, 2016

Awards & Residences

Animating Torontos

Parks, 2019 Toronto Art's Council Grant

Animating Torontos

Parks, 2018. Toronto Art's Council Grant

Artist In Residence

Social Body Lab, 2017

Dames Making

Games 2016 GDC Scholarship
Recipient

Innovator In Residence

Toronto Public Library

Younger Than

Beyonce Artist Residency
Resident

OCADu Graduate

Scholarship 2012 & 2013. Recipient

Advising

Talking Back Feminist Media Conference 2019

TORONTO, CANADA. Steering committee

Textile Museum of Canada Selection Committee

Residency for Artists, educators and curators, Fall 2019

Centre for Media Culture and Education (CMCE) Advisory Board 2018

Fashion Communications, Ryerson School of Fashion Undergraduate Program Invited capstone judge 2019

Digital Futures, OCADU Graduate Program. Invited awards panelist 2019

Creators Grant 2019 Selection Committee for

Creators Grant at Ryerson University

Conference Organization

The Future Of Making, 2019

TORONTO, CANADA. Co-organizer

Digital naturalism Conference 2019

GAMBOA, PANAMA. Conference Chair and conference organisational group.

Make Change 2015-2018 LITTLE DADA / MAKER

FESTIVAL TORONTO. Coordinated a conference and showcase with Maker Festival Toronto about critical engagement with Maker culture.

Southern Ontario Maker Space Conference

(SoOnCon) 2015. Organizing and developing the Southern Ontario Maker Space Conference. SOONCON.CA

Different Games Toronto 2017.

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

Select Collaborators, Projects & Events

THESE ARE ONLY SOME OF THE COLLABORATORS I'VE WORKED WITH TO

DEVELOP PROGRAMMING: Make Fashion, Festival Of Curiosity, INTEL, The Maker Bean, Maker Festival Toronto, Design Exchange, Design Workshop Architects, Toronto Tool Library, Toronto Public Library, Site 3 Colaboratory, InterAccess, STEAMLabs, Ryerson University, Ryerson Library, KMDI/Semaphore, Instittue for Research on Digital Learning (YorkU), Social Body Lab (OCAD U), MakeWorks, Dames Making Games, & Hand Eye Society.

The L4 Society - Zine

Little Dada - 2020

The L4 Society - Event

Seeding Utopias (Artists in Libraries, Toronto Arts Council)

Long Exposure Festival, Organizer & Artist.

Funded by Toronto Arts Council 2018-19. LongExposureFestival.com

Skylab Revolution

Animating Historical Sites Fund by Toronto Arts Council / Hand Eye Society, 2019

INTEL Innovator

Intel's Innovator program, 2016-2018.

Stupid Shit No one needs & terrible ideas hackathon

Toronto 2016 - 2018 & 2020
Stupidhackathontoronto.com

Maker Buddies: Education

Curriculum consultation with Toronto Catholic District School Board. 2017

A Lab of One's Own

International Women's Day event, Little Dada, 2016-17

Photon Galaxy Site 3

Colaboratory Scotiabank Nuit Blanch Exhibit 2015-2018

Festival Of Curiosity

Technical lead on Wearable Technology runway show. 2016-18

How Bright Is OUR Future

With Design Workshop Architects, Exhibited at IDS 2018, Technical lead

RE: Familiar & Android

Apparatus (Colaboration with Hillary Predko) 2017-2019

Make Friends Meetup,

Organizer. Ongoing workshops on technology, 2015-16.
MakeFriendsMeetup.com

Rey Doll Hackathon '16

Anemoia Nigh Parade, 2015
(Colaboration with Len Predko)

Punk Prism Power 2016

punkprismpower.com

Site 3 Ridiculous

Auction 2014 & 2018

Pedal Powerd Parts

Washer (Colaboration with Charlies Freewheels) 2014

Toastraits 2015

Cyborg Garden 2014

Sublime Aparatus, 2015

(Colaboration with Dushan Milic)

Community Teaching

Instructor: Squishy Futures & Body Centric Electronics

InteR/Access, 2019

Instructor: iSkills

KMDI Makerspace, 2018-19

Instructor: Wearable Tech:

Toolbox, 2020

Curriculum Designer

Zero To Startup, 2015 - 2016

Youth Class Facilitator

Toronto Tool Library 2015.
TorontoToolLibrary.com

Facilitator - Curiosity Sessions.

Studio[y] collaborator, 2014

New Media Instructor

Design Exchange, 2016-2017.
www.dx.org

Research / Educator

IDRL York University, 2016-2017
www.irdl.info.yorku.ca

Maker Bootcamp 2016

STEAMLabs,

Electronics Masterclass

Design Exchange

3D Printing Masterclass

Design Exchange

Unity Programming

Interaccess

Augmented Reality Programming

Interaccess

Selected Talks

Reprise de Vues, 2021

Video presentation
"Manufactured Ad-Scapes"

Art&&Code:Homemade, 2021

Invited speaker

Can't Touch This, 2020

What makes an effective mask?

Merging Mindsets

Wearables, 2020
Creative Manitoba

Moderator: Extensions, prosthetics and symbiosis 2019 - moderator,

Inter/Access

Seeding Utopias 2019,

Space Labour and
Skylab Revolution

Making Art With Machines

2019, Cyborg Futures

DMG Speaker Social

2018, Into the void

HackChat 2018,

Being a Cyborg

Toronto Comic Arts

Festival, 2017, The
Science of Superheros

HelloCon 2017

Invited Keynote Speaker

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

Indigiecade, DMG 2015

Speaker 2015, Bento Miso

Atomic Lollipop 2014,

Speaker, Ontario
Science Centre

TEDx 2013 Speaker

TEDx OCADu.

Interviews

The Agenda (TVO)

Cyborg Panel, 03/04/20

Tapestry CBC

On being a Cyborg
(April 2018)

Hackaday HackChat

(01/21/18)
Being a Cyborg

What She Said

SiriusXM (03/08/16)
Women, Diversity & Tech

Metro Morning CBC

Star Wars "Rey Day"
Hackathon (02/15/16)

The Current CBC

Panelist "The Right to
Tinker" (08/19/15)

A Users Guide to

Cheating Death (S2, E5)

Selected Exhibits

Matrix of Mobility: Networks of Objects and Exchange, T6

2021, Exhibitor

Void

LIMINAL, Bever Hall

Gallery 2020, Exhibitor

Void

Mergin Mindsets

Conference 2020,

Exhibitor - Void

Digital Futures Open Show

2019, Exhibitor - Void

Animating Historical Sites

2019, Skylab Revolution

Winter Lights Ontario

Place 2018, Earth Resist

ETHDenver 2018

Exhibitor

Etherial NYC 2018

Exhibitor

Bit Bazaar 2018,

Voids & Artisinal Plugins

UrbaniT 2018,

Android Apparatus

AndroidTO 2018,

Android Apparatus

Hand Eye Society Ball

2018, The Organ

Missisagua Winter Festival

2018, Light Organ

Ontario Centre for

Excellence, 2017, Exhibitor

InStore 2017, RE: Familiar

EDIT Festival 2017,

LOL memory

Make Fashion 2017,

RE: Familiar

Cirque-it 2017

Cyborg Armor

Grow Op 2017,

Gladstone Hotel

Come Up To My Room

2017 Gladstone Hotel
(Tech/SupportFunded)

Hand Eye Society Ball 2016

Annual General Mischief

Nuit Blanche 2016, Orbs

Space Jam YTB Gallery,

Jan.2016, Exhibitor

Indiecade 2015, Exhibitor

The Anthropologists Market, 2015

Maker Festival Toronto 2015,
Hustle Bustle

GradEx 2014,

OCADU Exhibitor

Light 2014,

OCADU Exhibitor

IGDA Eat Play

Mingle Exhibitor

Level Up 2013 Exhibitor

Social Engineer, OCADU

Graduate Gallery 2013

Possibility Spaces

2011 Exhibitor