

# JEAN-PHILIPPE CÔTÉ

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## EDUCATION .....

- **Ph.D. in Arts Studies & Practices** (ongoing)  
Practice-based thesis on the reevaluation of obsolete technologies through interactive art  
Université du Québec à Montréal  
Advisor: Louis-Claude Paquin
- **Master's Degree in Communication** (*magna cum laude*, 2013)  
Research-creation profile in experimental media (thesis on interactive and participatory music creation)  
Université du Québec à Montréal  
Advisor: Jean Décarie
- **Bachelor's Degree in Communication** (1997)  
Major in interactive multimedia  
Université du Québec à Montréal
- **Diploma of College Studies in Humanities** (1994)  
Collège de Maisonneuve

## PROFESSIONAL EXPERIENCE .....

- **Lecturer & researcher, multimedia department** • Since 2007  
Collège Édouard-Montpetit - 945 Chemin de Chambly, Longueuil, J4H 4A9
- **Head of development** • 2006 to 2007  
**Computer analyst, web, and database systems** • 2003 to 2006  
**Webmaster** • 1999 to 2003  
Terra Incognita (Ex-Centris) - 3530, boul. Saint-Laurent, Montréal, H2X 2V1
- **Webmaster & network administrator** • 1997 to 1999  
Orbicom, The Network of UNESCO Chairs in Communication – P.O. Box 8888, Downtown Station, Montreal, H3C 3P8
- **Research assistant, Service ATO (Computational Text Analysis)** • 1996 to 1997  
Université du Québec à Montréal – P.O. Box 6191, Downtown Station, Montréal, H3C 4R1
- **Research assistant, UNESCO-Bell Chair in communication and international development** • 1996 to 1997  
Université du Québec à Montréal - C.P. 6191, Succursale Centre-Ville, Montréal, H3C 4R1
- **Freelancer** • 1995 to 1998  
Website and CD-ROM development for various clients such as: Bombardier, Comdev, Fondation Asie-Pacifique, Cyberport, Université du Québec à Montréal, École Polytechnique, Université de Montréal, etc.

## ARTISTIC EXHIBITIONS .....

- **IN-SONORA** *Empreintes sonores*  
Centro Internacional de Creación, Madrid..... Spain ..... coming up in 2024

- **Maison de la culture Marcel-Robidas** *Empreintes sonores*  
Longueuil..... Canada..... coming up in 2024
- **Centre des arts et des loisirs Alain-Larue** *Empreintes sonores*  
Notre-Dame-des-Prairies..... Canada..... coming up in 2024
- **404 Festival** *Empreintes sonores*  
Centro Nacional de las Artes, Mexico City ..... Mexico ..... 2023
- **Ars Electronica** *Empreintes sonores*  
POSTCITY, Linz..... Austria ..... 2023
- **NOVA** *Empreintes sonores*  
Museu do Amanhã, Rio de Janeiro ..... Brazil ..... 2023
- **FILE** *Empreintes sonores*  
Centro Cultural Fiesp, São Paulo..... Brazil ..... 2023
- **New Media Art Conference** *Empreintes sonores*  
CICA Museum, Seoul..... South Korea ..... 2023
- **ISEA (International Symposium on Electronic Art)** *Empreintes sonores*  
Galerie Abstract Project, Paris..... France ..... 2023
- **Hexagram Gala** *Empreintes sonores (video version)*  
Agora du cœur des sciences de l'UQAM, Montreal ..... Canada ..... 2023
- **Die Blaue Nacht** *Empreintes sonores*  
Nuremberg ..... Germany ..... 2023
- **Premio Arte Laguna** *Empreintes sonores*  
Arsenale, Venice ..... Italy ..... 2023
- **Semaine de la citoyenneté numérique** *Empreintes sonores*  
Montreal and Laval ..... Canada ..... 2022
- **Lumifest** *Empreintes sonores*  
Longueuil..... Canada ..... 2022
- **Sillages\_ Art numérique et interactif** *Empreintes sonores*  
Factory Studio, Montreal..... Canada ..... 2022
- **ISEA (International Symposium on Electronic Art)** *13 Eyes (video version)*  
Centre de Cultura Contemporània de Barcelona ..... Spain ..... 2022
- **JSNation** *Portraits sans permission*  
Kromhouthal, Amsterdam..... Netherlands..... 2022
- **Expo Biblio** *Portraits sans permission*  
Collège de Rosemont, Montreal ..... Canada ..... 2022
- **Las Lagunas Art Gallery (online)** *Barack 02*  
Laguna Beach..... USA ..... 2021
- **Athens Digital Arts Festival (online)** *Yöti, le portraitiste algorithmique*  
Athens ..... Greece..... 2020

- **Galerie Jean-Tal 4** *Julian 04*  
Galerie du Viaduc, Montreal ..... Canada ..... 2020
- **404 Festival** *Portraits sans permission*  
University of Massachusetts Gallery, Lowell ..... USA ..... 2019
- **ISEA (International Symposium on Electronic Art)** *Yöti, le portraitiste algorithmique*  
Asia Culture Center, Gwangju ..... South Korea ..... 2019
- **Premio Arte Laguna** *Yöti, le portraitiste algorithmique*  
Arsenale, Venice ..... Italy ..... 2019
- **Lumifest** *Portraits sans permission*  
Longueuil ..... Canada ..... 2018
- **50<sup>th</sup> Anniversary of Edouard-Montpetit College** *Portraits sans permission*  
Cégep Édouard-Montpetit, Longueuil ..... Canada ..... 2018
- **Journées de la culture** *Yöti, le portraitiste algorithmique*  
Saul-Bellow Library, Montreal ..... Canada ..... 2018
- **Journées de la culture** *Yöti, le portraitiste algorithmique*  
City Library, Drummondville ..... Canada ..... 2018
- **404 Festival** *Yöti, le portraitiste algorithmique*  
Fukuoka City Science Museum, Fukuoka ..... Japan ..... 2018
- **Nocturne du MAC** *Yöti, le portraitiste algorithmique*  
Montreal Museum of Contemporary Art ..... Canada ..... 2018
- **CODAME ART+TECH** *Yöti, le portraitiste algorithmique*  
The Midway, San Francisco ..... USA ..... 2018
- **Chromatic Pro** *Yöti, le portraitiste algorithmique*  
Old Fine Arts School of Montreal ..... Canada ..... 2018
- **Beyond Tellerrand** *Yöti, le portraitiste algorithmique*  
Capitol Theater, Düsseldorf ..... Germany ..... 2018
- **Eyeo** *Yöti, le portraitiste algorithmique*  
Walker Art Center, Minneapolis ..... USA ..... 2017
- **FITC** *Yöti, le portraitiste algorithmique*  
Toronto ..... Canada ..... 2017
- **ChaosMédia** *Algomaton*  
Théâtre de la Ville, Longueuil ..... Canada ..... 2015
- **Génération d'idées Symposium** *Snowden Triptych*  
Society for Arts and Technology (SAT), Montreal ..... Canada ..... 2014
- **ChaosMédia** *Mmm*  
Théâtre de la Ville, Longueuil ..... Canada ..... 2013
- **Concert Sennheiser Canada en création sonore et nouveaux médias** *Mmm*  
Agora Hydro-Québec, Montreal ..... Canada ..... 2013

- **Interactive Media Program students' exhibition (UQAM)** *Hypnomédia*  
Agora de la danse, Montreal ..... Canada..... 1998
- **Des mots pour le dire** (Photography Month) *Portfolio photo*  
Galerie Entre Cadres, Montreal ..... Canada..... 1994

## RESEARCH GRANTS & SCHOLARSHIPS.....

- **Fondation de l'UQÀM.** Excellence scholarship (3000\$), **Fonds de la Faculté des arts - Doctorat** (2022).
- **Social Sciences and Humanities Research Council of Canada.** Doctoral Fellowship (60 000\$) for my thesis titled *Using obsolete technologies as source material in interactive artistic installations* (2022-2025).
- **Édouard-Montpetit College.** Professional abatement for college researchers (20 000\$), *Improving the usability of the MIDI protocol on the web* [translated] (2021).
- **Édouard-Montpetit College.** Professional abatement for college researchers (20 000\$) for *Mmm* (2014).

## ARTISTIC & DISSEMINATION GRANTS .....

- **Conseil des arts de Longueuil.** Hybrid practices grant (10000\$) for *Untitled* (2023).
- **Canada Council for the Arts. Arts Abroad** grant (3370\$) to present *Empreintes sonores*, FILE Festival, São Paulo, Brazil (2023).
- **Conseil des arts et des lettres du Québec.** Travel grant (3500\$) to present *Empreintes sonores*, Arte Laguna Prize, Venice, Italy (2023).
- **Canada Council for the Arts. Arts Abroad** grant (3250\$) to present *Empreintes sonores*, Czong Institute for Contemporary Art Museum, Seoul, South Korea (2023).
- **Hexagram.** Travel grant (2000\$) to present *Empreintes sonores*, ISEA, Paris, France (2023).
- **Conseil des arts de Longueuil.** Travel grant (1000\$) to present *Empreintes sonores*, Premio Arte Laguna, Venice, Italy (2023).
- **Conseil des arts et des lettres du Québec.** Travel grant (1000\$) to present *Yöti – The Algorithmic Portrait Artist*, ISEA, Gwangju, South Korea (2019).
- **Conseil des arts de Longueuil.** Travel grant (1000\$) to present *Yöti – The Algorithmic Portrait Artist*, Premio Arte Laguna, Venice, Italy (2018).
- **Conseil des arts de Longueuil.** Hybrid practices grant (8000\$) for *Égobsolescence* (2018).
- **Conseil des arts de Longueuil.** Travel grant (1000\$) to present *Yöti – The Algorithmic Portrait Artist*, Beyond Tellerrand Festival, Düsseldorf, Germany (2018).
- **Fondation du cégep Édouard-Montpetit.** Professional outreach grant (600\$) for *Yöti – The Algorithmic Portrait Artist* (2017).

## RESEARCH-CREATION .....

- **Improving the usability of the MIDI protocol on the web** [translated]. Project funded by the 2021-2022 Call for projects of Cégep Édouard-Montpetit (ongoing).
- **Revaluing obsolete technologies through interactive arts** [translated]. Practice-based Ph.D., Université du Québec à Montréal (ongoing).
- **Mmm, the tablet as a tool for interactive and participatory music creation by neophyte musicians** [translated]. Project funded by the *Programme pour le dégageement de la tâche d'enseignement des chercheurs de collègues*, Collège Édouard-Montpetit (2014).
- **Creation of a participatory software tool encouraging the real-time emergence of original popular musical amongst small groups of users** [translated]. Master's thesis in communication (research-creation profile in experimental media), Université du Québec à Montréal (2013).

## PEER-REVIEWED PUBLICATIONS.....

- **User-Friendly MIDI in the Web Browser**. International Conference on New Interfaces for Musical Expression. NIME 2022. <https://doi.org/10.21428/92fbeb44.388e4764>

## PEER REVIEW COMMITTEES .....

- **Peer reviewer**, Journal of the Audio Engineering Society (2022)

## ACADEMIC TALKS.....

- **Matter-Wandering: Errancy, Error & Serendipity as Creative Methodology**
  - Ecologies of Mind, Media and Meaning Symposium, Institute of General Semantics, New York, United States of America (2022).
- **User-Friendly MIDI in the Web Browser**
  - New Interfaces for Musical Expression (NIME), The University of Auckland, Auckland, New Zealand (2022, remote).

## ARTISTIC TALKS.....

- **Everyday Objects**, 404 Festival, Centro Nacional de las Artes, Mexico City, Mexico (2023)
- **Artist presentation about *Empreintes sonores***, New Media Art Conference, Czong Institute of Modern Art, Gimpo, Corée du Sud (2023)
- **Artist presentation about *Empreintes sonores*, Focus Quebec: Artist Conferences** (event organized by Elektra), Forum des Images, Paris, France (2023)
- **Artist presentation for students of the master's program in arts (digital design option) at the School of digital arts, animation, and design**, NAD / Université du Québec à Chicoutimi, Canada (2022 and 2023)

- **Artist presentation about *Innocent Surveillance***, 404 Festival, University of Massachusetts in Lowell, USA (2018)
- **Artist presentation about *Yöti, The Algorithmic Portrait Artist***, 404 Festival, Fukuoka City Science Museum, Fukuoka, Japan (2018)

## TECHNICAL TALKS .....

- **MIDI in the Browser... Let's Rock the Web!**
  - JSNation, Amsterdam (2022)
- **Web Developers, Please Meet... The Physical World!**
  - Web Unleashed, Toronto, Canada (2016)
  - CAMP Festival, Calgary, Canada (2016)
  - FITC, Toronto, Canada (2016)
- **MIDI is Staging a Comeback... in Your Browser!**
  - FITC, Toronto (2017)
  - Web Unleashed, Toronto, Canada (2016)
- **Développeurs web, je vous présente... le monde réel!**
  - ConFoo, Montreal, Canada (2017)
- **Physical Computing for Web Developers**
  - DecodeMTL, Montreal, Canada (2015)
  - JavaScript Montreal, Montreal, Canada (2015)

## WORKSHOPS .....

- **Physical Computing for Web Developers**
  - Web Unleashed, Toronto (2016)
  - CAMP Festival, Calgary (2016)
  - FITC, Toronto (2016)
  - ForwardJS, Ottawa (2017)

## ARTISTIC HONORS .....

- **Laureate of the 2023 International Symposium on Electronic Art (ISEA) juried exhibition** for *Empreintes sonores*, Paris, France (2023).
- **Finalist of the 17<sup>th</sup> edition of the Arte Laguna Prize** for *Empreintes sonores*, Venice, Italie (2023).
- **Aesthetica Art Prize Official Selection** (with publication in the *Aesthetica Art Prize Anthology*) for *Binôme Series*, York, United Kingdom (2021)

- **Laureate of the 2019 International Symposium on Electronic Art (ISEA) juried exhibition** for *Yöti – The Algorithmic Portrait Artist*, Gwangju, South Korea (2019).
- **Overall Winner, « Sculpture, Installation and Virtual Art » Category** for *Yöti – The Algorithmic Portrait Artist*, Premio Arte Laguna, Venice, Italy (2019)
- **Aesthetica Art Prize Official Selection** (with publication in the *Aesthetica Art Prize Anthology*) for *Yöti – The Algorithmic Portrait Artist*, York, United Kingdom (2018)

## TEACHING HONORS .....

- **Honorary Mention**, AQPC, Quebec Association for College Pedagogy (2018)

## PROFESSIONAL HONORS .....

- **Prix Boomerang**, « Arts & culture » category, for ex-centris.com (2000)
- **MIM d'Or**, « Loisirs & vie pratique » category, for ex-centris.com (2000)

## INCLUSION IN EXHIBITION CATALOGUES .....

- **Breath, New Media Art 2024** [Exhibition catalogue]. (2023) CICA Press.
- **Nova Bienal Rio De Arte E Tecnologia** [Exhibition catalogue] (2023). FILE Festival Internacional de Linguagem Eletronica.
- **FILE São Paulo 2023: Festival Internacional de Linguagem Eletrônica: Singularidades interativas = FILE São Paulo 2023: Electronic Language International Festival: Interactive singularities** [Exhibition catalogue]. (2023). FILE Festival Internacional de Linguagem Eletronica.
- **Future Now, Aesthetica Art Prize 2021: 125 Contemporary Artists** [Exhibition catalogue]. (2021). York Art Gallery.
- **AI-Tiba9 Contemporary Art Magazine**, Original (Number 5), Barcelona, Spain (2020).
- **Future Now, 100 Contemporary Artists from the Aesthetica Art Prize 2019** [Exhibition catalogue]. (2019). York Art Gallery.
- **Arte Laguna Prize 2018.19** [Exhibition catalog]. (2019). Premio Arte Laguna.
- **Lux Aeterna** [Exhibition Catalogue]. (2019). Arts Center Nabi.

## PUBLIC PROJECT DEMONSTRATIONS .....

- Public demonstration of **Égobsolescence** during *Maillage numérique #1* organized by Culture Montréal, Bromont (2019)
- Public demonstration of **Yöti – The Algorithmic Portrait Artist** during *Composite #10* organized by Chromatic Festival, Montreal, Canada (2017)
- Public demonstration of **Yöti – The Algorithmic Portrait Artist** during *Labsessions #12* organized by Conseil québécois des arts médiatiques at Society for Technological Arts, Montreal, Canada (2017)

## JURIES .....

- **Member of the jury**, Call for Projection Mapping Works, Lumifest (2020 and 2022)
- **Member of the jury**, Prix numérique, Culture Montréal (2020)
- **Member of the jury**, MixCulture event, Culture Montréal (2018)

## BOARDS & COMMITTEE MEMBERSHIPS .....

- Chairman of the board (2020-2023) and board member (2019-2020) of Asphalte Diffusion, the NPO in charge of organizing **Lumifest** (videomapping festival)
- Member of the Digital Strategy Committee of **Culture Montréal** (2019-2023)
- Invited expert of the **W3C Audio Working Group** (2021-2023)
- Board member of **Centre d'art Axiome** (2019-2021)

## PROFESSIONAL AFFILIATIONS & STATUSES .....

- **Official independent media artist status** as recognized by the Canada Council for the Arts
- Member, as professional artist, of the **Regroupement des artistes en arts visuels du Québec** (RAAV) since 2023
- Member, as professional artist, of the **Regroupement de pairs des arts indépendants de recherche et d'expérimentation** (REPAIRE) since 2018 (previously known as **Conseil québécois des arts médiatiques**)
- Student member of **Hexagram**, a research-creation network in arts, cultures, and technologies (since 2020)
- Member, as professional artist, of **Culture Montréal** (since 2018)

## PROFESSIONAL CERTIFICATIONS.....

- **Project Management Professional** certification, Project Management Institute (2006)

## OPEN-SOURCE CONTRIBUTIONS .....

- Since 2015, I have been developing a free software library called **WEBMIDI.js** (<https://github.com/djipco/webmidi>) which facilitates usage of the MIDI (Musical Instrument Digital Interface) protocol inside web pages. The library has grown to be very popular, being downloaded 2000 times a month on GitHub.
- My **GitHub** page (<https://github.com/djipco>) also hosts a variety of other free and open-source projects, most of which are software tools used in the areas of physical computing and interactive art.
- In 2015, I started a website called **TangibleJS** (<https://tangiblejs.com>). This site explores the ways in which web technologies (HTML, CSS & JavaScript) can be used in areas such as physical computing, robotics, algorithmic art, and the Internet of Things.



## RELEVANTS SKILLS .....

- Extensive experience with various **programming and tagging languages** (C, C#, JavaScript, HTML/CSS, Python, JSON, Bash, SQL, XML, etc.)
- Extensive experience with **media creation and editing software** (audio, video, image, animation, etc.)
- Extensive experience with **electronics and digital fabrication tools** (3D printing, CNC, vinyl cutting, laser cutting, wiring, soldering, etc.)
- Extensive experience with **tangible interfaces and sensing/actuating devices** (microcontrollers, digital and analog sensors, VR headsets, 3D cameras, motors & solenoids, relays, etc.)
- Extensive experience with various **communication protocols used in media arts** (MIDI, OSC, DMX, Art-Net, TCP/IP, UDP, TUIO, etc.)
- Extensive experience with various **computing platforms** (Windows, macOS, GNU/Linux, Arduino, Raspberry PI)
- Extensive experience with **computational media creation environments** (TouchDesigner, Processing, Pure Data, Max/MSP)
- Fluent in **French and English**