

# Morgan Rauscher

Biz-Tech Innovator & Educator

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## Education

- 2011 – 2019**      **Individualized Robotic Art PhD (IP)**  
Concordia University, Montreal (Processing Dissertation, 4.05 GPA)  
*Research: Tele-Haptic Robotic Proto-Sculpting*
- 2008 – 2010**      **Masters of Applied Digital Media Arts**  
Emily Carr University, Vancouver (Valedictorian)  
*Thesis: a wall of 32 android-robot faces with motion tracking doll eyes to ‘watch’ you walk past.*
- 2000 – 2004**      **Combined Honors BA in Electronic Multimedia & Classical Visual Arts**  
McMaster University, Hamilton (Summa Cum Laude)  
*Grad Project: The McMaster University Online Virtual Tour*

## Professional Experience

- 2019-Current**      **University Instructor**  
*@ University of British Columbia (Okanagan), Kelowna.*  
Design and delivery of course-ware, lectures and assignments, coordination of course work, critiquing and advising students. I am teaching in the Creative & Critical Studies and Computer Science departments.
- 2008 – Present**      **Principal Consultant & Innovator**  
*@ TS Business and Technology Consulting Ltd., Vancouver*  
Business and technology transformation and development consulting for organizations ranging from small private enterprises to fortune 500 companies and the Canadian government. Providing problem solving and strategic planning for business and technology development.
- 2011 – 2014**      **University Instructor**  
*@ Concordia University (Design and Computational Arts Department), Montreal*  
Design and delivery of course-ware, lectures and assignments, coordination of course work, critiquing and advising students. I taught; Creative Electronic Studios, Tangible Media and Physical Computing, Networks and Navigation and I guest lectured for Masters level seminars.
- 2010 – 2012**      **Inventor & Founder**  
*@ Mondomatrix Creative Electronics; Toronto, ON / Vancouver, BC / Boulder, Colorado.*

Invented and designed an open source creative electronics micro-controller product expanding the Arduino platform for artists and designers. Responsible for product design, manufacturing and assembly line design, logistics concept, operations and marketing management.

**2010 + 2011**

**University Instructor**

*@ Emily Carr University of Art + Design, Vancouver*

I designed and taught; Creative Electronics for Beginners, Interactivity: Media Practices, WordPress Programming, and I was invited to lecture in Advanced Digital + Interactive Art.

**2003 – 2008**

**Multimedia Designer + Coder**

*@ M-Media Multimedia Ltd., Toronto*

Over 40 projects completed including the McMaster University Virtual Tour, e-Learning for DLC, e-commerce projects and the Government of Canada (Institute of Infection and Immunity) website.

- Management of development teams
- Software, e-learning and mass digital communications design and development
- Development of strategic website initiatives (database, RIA and 'smart-sites')
- User testing, invigilation and information efficiency reporting
- Search engine optimization development and execution

**2001-2002**

**Webmaster & Programmer**

*@ IQEQ Technologies Inc., Ottawa*

Website and marketing material designer & developer (print and web)

\*For a list of publications, shows, conferences, artworks, business development projects, bio, please visit my website.