

## ABOUT ME

Fuelled by curiosity and espresso,  
I'm driven by the intersection  
of technology and health care.  
I love computer science, new media  
art and Star Trek.

## EDUCATION

### CONCORDIA UNIVERSITY

#### BCompSc

May 2020

Major in Computer Applications and  
Computation Arts

#### BComm, JMSB

May 2012

Major in Marketing

## SPECIALIZED COURSES

Convergence (offered with McGill  
Neuroscience)

Computer Graphics

Data Structures and Algorithms

Networks and Navigation

Creative Computation

Formal Languages and Automata

## SKILLS

### TECHNICAL

Java

C++

C

Python

R

OpenGL

Arduino

Electronics

Ableton Live 10

Max MSP

Adobe Creative Suite 2017

Bio-Lab level 2 certification

## INTERESTS

Artificial Intelligence

Cancer Research

Computer Science

Media Technology

Electronics

Music

References upon request

## SELECTED CREATIVE PROJECTS

### SENSENET INSTALLATION EXPERIENCE

Winter 2019 | Montreal, QC

- Collaborative project with two McGill University Neuroscience PhD candidates
- Sense swapping experience composed of modified electrophysiology technology and computer vision
- Primarily responsible for developing the hardware and software implementation of the sense swapping mechanism

### MYCOCENE INSTALLATION

Fall 2018 | Montreal, QC

- Kinetic and audio sculpture where hacked recycled electronics are powered and controlled by physarum
- Physarum grown and circuit designed in Milieux's Bio Lab
- Responsible for hacking and interfacing electronics with the physarum
- Presented at Le Centre Pompidou, February to April 2019
- Presented at Elektra Festival in Montreal, June 2019

## WORK EXPERIENCE

### SOMME COLLECTIVE Co-FOUNDER

February 2018- Present | Montreal, QC

- Interdisciplinary collective combining computer science and new media art for the research, design and implementation of creative installations
- Primary role is hardware and software design and construction

### RED BULL MUSIC ACADEMY STUDIO MANAGER

September 2016 - Present | Montreal, QC

- RBMA is a global music institution committed to fostering creativity in arts
- Responsible for the custom design and installation of portable studios for RBMA workshops
- Teach participants how use various music software, analog and digital synthesis
- Hosted a studio science lecture on analog synthesis, shared on YouTube with over 40,000 views

## RESEARCH EXPERIENCE

### LYMPHOMA RESEARCH DATA SCIENTIST

August 2019 - Present | Montreal, QC

- Working with Dr. Johnson from the Lady Davis Institute for Medical Research
- Responsible for data mining biochemistry and blood test data
- Current work is based on a machine learning model to determine which blood test factors can help predict relapse

### BIO-ART RESEARCHER RESEARCHER

September 2018 - Present | Montreal, QC

- Member of Concordia University's Milieux Speculative Life BioLab research cluster
- Exploring the intersection between materiality and technology through an interdisciplinary perspective of technology, biology and art.

## VOLUNTEERING

### INTENSIVE CARE UNIT BRIDGE PROGRAM VOLUNTEER

May 2019 - Present | Montreal, QC

- Shadowing doctors during their rounds in the Jewish General Hospital ICU
- Providing assistance to patients and their families throughout their stay

### GOODMAN CANCER RESEARCH CENTRE VOLUNTEER COMMITTEE

MEMBER

May 2019 - Present | Montreal, QC

- Assist the event coordinator during events
- Contribute to spreading awareness of the GCRC's public lecture series