

Alec Mulder

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portfolio.alectmulder.ca

PROFILE

Proactive and resourceful New Media technologist

EXPERIENCE

- 2016 **Research Assistant | Ryerson University**
to Designed, fabricated, programmed and tested multiple connected
2018 devices for an interactive experience
- 2017 **Maker Festival**
Displayed portion of the Live Portal project representing
Ryerson University
- 2016 **Makerspace Volunteer | Code Coach | Ryerson University**
to Provided project assistance to students
2017 Support with coding, fabrication and electronics
- 2016 **Outdoor Education Facilitator | Township of King**
Instructed outdoor programming to camps and school groups
Programming ranged from canoeing to challenge courses
- 2015 **Program Coordinator | Township of King**
Supervised various sports camps
Evaluated staff performance

PROJECTS

- 2018 **Reactiles**
META 2018 New Media Exhibition
Ryerson University
Nominated for Best Thesis Project – New Media
- 2017 **Photovoltaic**
Ontario Science Centre
Ryerson University
Nominated for Best Intermediate Tangible Media Piece
Nominated for Best Intermediate Computational Media Piece
- 2017 **Live Portal**
Public display in London, UK and Toronto, ON
Ryerson University and London Southbank University
- 2017 **Aura**
Ryerson University
- 2016 **Veil**
New Media Day
Ryerson University
Nominated for Best Experience Piece

SKILLS

Software

- Unreal Engine, ARKit
- Fusion 360
- SolidWorks
- Adobe Illustrator, Photoshop, Premier Pro, Audition, InDesign
- Pro Tools
- Final Cut Pro

Languages

- Java, Processing
- C, Arduino
- HTML, CSS

Equipment

- Epilog and Universal Laser Cutters
- CNC
- 3D Printing
- Oscilloscope, Multimeter
- Soldering, MIG Welding

Electrical

- Servo, DC and Stepper Motors
- Relays, Fuses, Transistors
- Circuit design
- LEDs, Sensors
- Wi-Fi, Bluetooth, RFID, RF

Certifications

- Standard First Aid + CPR C
- G Class Drivers License
- High Five

EDUCATION

Ryerson University
BFA, New Media Expected June 2018
Tangible Media Concentration

REFERENCES

David Bouchard
Associate Professor
david.bouchard@ryerson.ca

Ashley Lewis
Production Training + Support Staff
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