Ryan Petroff

Fullstack Creative Technologist

Seeking technical and leadership opportunities - ryan@ryanpetroff.ca

Experience

Chief Creative Technologist & CTO at Maker Academy

- Founded and operated education company that delivered game development and 3D printing classes to students in public schools.
- Designed curricula, hired and trained educators, facilitated classes, managed and maintained hardware including laptops and 3D printers.
- Printed and delivered hundreds of 3D objects to delighted student designers.

Program Designer and Facilitator

at Digital Media Academy, Toronto Tool Library, Focus Learning, and similar organizations

- Designed and delivered technical education classes and camps, including game design in PYTHON, Javascript, Java, Scratch, and robotics using Arduino, LEGO EV3, Multiplo, etc.
- International teaching and tutoring in Math, English, Science, Philosophy, and working with special needs students.

Education

University of Toronto Completed 4 years in Philosophy and East Asian Studies

- Independent study of 3D scanning and printing, presented as guest lecture at OCAD
- Audited residence building security, leading to replacement of digital door locks
- Independent study of Artificial Intelligence, Gödel, Minds and Machines
- Elected and re-elected to small presidencies in the student government

Beijing Capital Normal University Completed 1 year in Mandarin

- Won a full scholarship as a guest of the Chinese Government
- Achieved fluency in Mandarin Chinese, taught English and Philosophy