

ROBERT LOUIS MCINTYRE

Present Address

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Education

Massachusetts Institute of Technology, Cambridge, MA
Master of Engineering in Computer Science & Electrical Engineering June 2014

- My thesis, *Recognizing actions using embodiment and empathy*, won the 2014 Charles and Jennifer Johnson Thesis Award – 1st Place
- Teaching Assistant for:
 - 6.034 (Intro to Artificial Intelligence, Patrick Winston)
 - 6.868 (Society of Mind, Marvin Minsky)
 - 6.945 (Adventures in Advanced Symbolic Programming, Gerald Sussman)
- Won the 2014 Harold L. Hazen Teaching Award for my T.A. work for 6.945

Massachusetts Institute of Technology, Cambridge, MA
Bachelor of Science in Computer Science & Electrical Engineering June 2011

- Relevant Courses Include: Human Intelligence Enterprise, Artificial Intelligence, Computational Cognitive Science, Circuits and Electronics, Applied Electromagnetics, Experimental Molecular Neurobiology, Computation Structures, Signals and Systems, Probabilistic Systems Analysis. **GPA: 4.6/5.0**

Wichita Collegiate School Wichita, KS
Graduated Summa Cum Laude Sep. 2004–June 2007

Experience

Researcher, 21st Century Medicine Cambridge, MA
September 2014–Present

- Working on experiments towards winning the Brain Preservation Prize.

Researcher, Genesis Group, MIT CSAIL Cambridge, MA
Summer 2009–2014

- Contributed to the Genesis program, an experiment in artificial imagination using both vision and language.

Author, Pokémon Yellow Total Control Hack

- <http://aurellem.org/vba-clojure/html/total-control.html>
- Six month independent project to execute arbitrary code in the Pokémon Yellow role-playing game.
- First ever Nintendo game broken in such a severe manner – over 200,000 views on youtube; GBx TAS of the year speedrun award on TASVideos.org.

Website Designer/Webmaster, Judy Yates–Artist Liberal, KS
Dec. 2007–Present

- Designed and Created www.judyates.com, a showcase and marketing tool for the artwork of wildlife photographer and artist Judy Yates.
- Maintain website and provide technical support.

Leadership Activities

President and Founder, MIT Free Group Cambridge, MA
2013–present

- Founded the MIT Free Group (freemit.org), a group dedicated to the restoration, preservation, and advancement of civil liberties, especially relating to technology, around MIT.

- Organized and designed materials for protests, interacted with administration to advance liberties relating to copyright, organized student information sessions instructing students in the use of email, virtual private servers, etc.

Founder LaserKard LLC,

Cambridge, MA

- Founded LaserKard with Kevin Rustagi, a company which
2011-2012
sold business cards made out of laser engraved anodized aluminum.
- Programmed the LaserKard website; used perl, Raphael, and clojure to create an online card editor people could use to design their own LaserKards.
- Handled logistics of sourcing materials, laser cutter, etc.

Skills

- C, C++, perl, python, scheme, clojure, java, L^AT_EX, HTML/CSS, MATLAB, bluespec, Z80 machine language
- 3D-printing, laser cutting
- Metal casting using lost wax technique, blacksmithing