Aaron Henry Krajeski

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CURRENT ADDRESS
5930 Avenue De L'Eplanade
Montreal, QC H2T 3A3

EDUCATION

M.A. in Music Technology, August 2013
McGill University; Montreal, QC
Performed independent research on graphical user interfaces for music in web-based platforms

B.S. with a major in Physics, minor in Music, May 2009
The College of William and Mary; Williamsburg, VA

WORK

Museum Installation Programmer   **February 2014 – June 2014**
PLAYMIND
- Head programmer for interactive museum installation at the Musée Régional d'Argenteuil
- Developed an interactive exhibit using the kinect and OpenFrameworks

Independent Web Design   **August 2013 –**
- Developed several websites, including boulevardtranslation.com and elrichman.com

User Interface Designer   **February 2013 – December 2013**
The Deep Listening Institute
- Head programmer for the Adaptive Use Musical Instrument (AUMI, website: http://deeplistening.org/site/adaptiveuse) a laptop-based computer-vision musical instrument for performance for users with limited mobility
- As only technical resource on staff, made important decisions as to design and implementation of technology
- Currently porting the MaxMSP implementation into OpenFrameworks.

Interaction Design Intern   **April 2012 – August 2012**
Infusion Systems Ld.
- Designed and programmed interactive sensor software using Max/MSP and Javascript
- Filmed edited and narrated professional videos
- Provided technical support for clients
- Traveled to trade fairs and met with clients to promote products

University Tutor   **January 2011 – April 2013**
Integrated Academics
- Tutored a variety of undergraduate students in mathematics, science and economics classes over Skype.

High School Physics/Mathematics Teacher   **August 2009 – June 2010**
The Suzhou-Singapore International School, Suzhou China
- Taught diploma level physics (standard and higher levels) as well as mathematics (standard level) for the International Baccalaureate program
- Taught middle years program mathematics for grades 9 and 10 in the IB, and applied high school mathematics
- Wrote curriculum for the above courses, streamlined curriculum with middle school teachers

Laboratory Technician and Quality Assurance Specialist   **May 2008 – August 2009**
The College of William and Mary, MINERνA project for the US Department of Energy
- Designed and amended procedures for the construction of the MINERνA neutrino detector
- Tested and calibrated components using photomultiplier tubes and radioactive sources
- Analyzed data from quality assurance tests
- Collaborated with Hampton University and Fermi National Accelerator Laboratory on construction

PERSONAL ATTRIBUTES
- **Web design:** HTML, CSS, JavaScript, jQuery, Angularjs
- **Computer Programming and Design:** C++, Python, autocad, Haskell, MaxMSP
- **Interactive technology:** Arduino, kinect, MIDI, OSC, Openframeworks
- **Github Username:** mysteryDate

REFRENCES:
- **Emmanuel Sévigny** Founder-CEO of PLAYMIND, sevigny@playmind.com, playmind.com
- **Prof. Marcelo Wanderly**, Director of IDMIL and CIRMMT laboratories, marcelo.wanderly@mcgil.ca
- **Axel Mulder**, Owner and founder of Infusion Systems Ltd, axel@infusionsystems.com