

Antoine Ponsard

Multimodal User Experience Group, UBC
Seeking full-time **Interaction Designer** position

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Education

- 2013 – 2015 **University of British Columbia** (Vancouver) **MSc in CS, specialization HCI**
GPA 4.0
 - o Designed and evaluated ephemeral visual effects, to improve icon selection on smartphones. Demonstrated that it helps users find and launch apps 8-10% faster. (*Graphics Interfaces 2015 paper*)
 - o PaperQuest: a visualization tool that supports academics doing a literature review. A custom recommendation algorithm finds and sorts relevant papers based on a variety of metrics.
 - o Thesis (with Prof. Joanna McGrenere): Redesigned the ubiquitous settings panels to make software customization easier. Our *customization layer* brings settings directly in the context of the application interface, which led to a 35% speedup for finding and changing settings in a real-world application.
- 2010 – 2013 **École polytechnique** (Paris, 3% acceptance rate) **Diplôme d'Ingénieur (eq. MSc)**
GPA 3.98
40,000€ scholarship. A one-year team project building a drone with image processing capabilities.
- 2008 – 2010 **Lycée Sainte Geneviève** (Versailles)
GPA 3.96
Intensive preparation for the national entrance exams to the French *Grandes Écoles*.
Two challenging years in which I developed efficient work habits and stress management.

Work

- Apr. – Aug. 2013 **Inria** (Saclay, France) **Research Intern**
National Institute for Research in CS and Control. 3,500 researchers, 230M€ budget.
Proposed new interactive representations of videos, to support multi-scale exploration. Designed and implemented prototypes on a giant wall-sized display to "lay out time in space", i.e. reduce the temporal dimension of videos by projecting it on a large 2D surface.
- Jul. – Aug. 2012 **VirtuOz Inc.** (Emeryville, California) **Software Developer Intern**
VirtuOz was a leader in Intelligent Virtual Agents – acquired in 2013 by Nuance Communications.
Developed a Sentiment Analysis classifier to evaluate the polarity of user sentences.
Experienced Agile Software Development in a fast-moving environment.
- Sept. 2010 – April 2011 **French Air Force** (Avord, France) **Officer Cadet**
Oversaw two projects in a Maintenance Unit. The first team prepared airplanes to get their airworthiness certificates, and the second was to set up a new computer program to manage airplane maintenance and control the supply chain.

Skills

UX	Methods	Contextual inquiry, persona, user flow, wireframes, prototyping, usability testing
	Tools	Balsamiq, Moqups, Axure, Sketch, InVision, POP app (Prototyping On Paper), Tableau
Programming	Languages	JavaScript HTML CSS Java R
	Frameworks	Angular.js d3.js Node.js Bootstrap Android

Personal

- Volunteering GEPPM, an equal opportunity program in France. GIRLsmarts, an outreach program at UBC.
Councilor at UBC Graduate Student Society, and CS Department Tea czar (!)