

# Antoine Ponsard

Research Assistant & MSc Candidate  
Multimodal User Experience Group, UBC  
Seeking full-time **Interaction Designer** position

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## Education

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2013 – pres. GPA 4.0	<b>University of British Columbia</b> (Vancouver) ◦ Designed and evaluated <b>ephemeral visual effects</b> , to improve icon selection on smartphones. The goal is to help users find and launch apps faster. ( <i>Graphics Interfaces 2015 paper</i> ) ◦ <b>PaperQuest</b> : A visualization tool to support literature review. ◦ Thesis (with Prof. Joanna McGrenere): Redesign of the customization panel to make <b>personalization</b> easier. Exploring which affordances could be added to the interface to inform users on the customization options available; and how to preview changes.	<b>MSc in CS, specialization HCI</b>
2010 – 2013 GPA 3.98	<b>École polytechnique</b> (Paris, 3% acceptance rate) 40,000€ scholarship. A one-year team project building a <b>drone</b> with image processing capabilities.	<b>Diplôme d'Ingénieur (eq. MSc)</b>
2008 – 2010 GPA 3.96	<b>Lycée Sainte Geneviève</b> (Versailles) Intensive preparation for the national entrance exams to the French <i>Grandes Écoles</i> . Two challenging years in which I developed efficient work habits and stress management.	

## Work

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Apr. – Aug. 2013	<b>Inria</b> (Saclay, France) - National Institute for Research in CS and Control. 3,500 researchers, 230M€ budget. Designed new interactive representations of videos, to support <b>multi-scale exploration</b> . 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.	<b>Research Intern</b>
Jul. – Aug. 2012	<b>VirtuOz Inc.</b> (Emeryville, California) - VirtuOz was world leader in Intelligent Virtual Agents – acquired in 2013 by Nuance. Developed a <b>Sentiment Analysis</b> classifier to evaluate the polarity of user sentences. Experienced Agile Software Development in a fast-moving environment.	<b>Software Developer Intern</b>
Sept. 2010 – April 2011	<b>French Air Force</b> (Avord, France) 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.	<b>Officer Cadet</b>

## Skills

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UX	Contextual inquiry, interviews, wireframes, prototyping, usability testing, controlled experiments.
Programming	Core: HTML, CSS, JavaScript, Java Experience in: Android, Angular.js & Node.js
Languages	English: fluent, French: fluent, German: intermediate.

## Personal

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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 (!)
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