

## Pascal E. Fortin

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CONTACT INFORMATION	3431 Adam St. Montreal, QC H1W-1Y4	+1-581-234-2306 pe.fortin@mail.mcgill.ca
RESEARCH INTERESTS	Human-Computer Interactions (HCI), Affective computing, Emotions, Haptics	
EDUCATION	<b>McGill University</b> , Montreal, QC, Canada  Ph.D., Human-Computer Interactions, <i>Expected</i> : Summer 2020 <ul style="list-style-type: none"><li>• Thesis: <i>A Touch of Emotion - Harnessing Haptic Stimulation for Emotion Elicitation</i></li><li>• Supervisor: Jeremy R. Cooperstock, Ph.D</li></ul> <b>Université du Québec À Chicoutimi</b> , Saguenay, QC, Canada  B.Eng., Electrical Engineering, May 2015 <b>CÉGEP de Jonquière</b> , Saguenay, QC, Canada  DEC, Natural Sciences, May 2013 <b>Kenogami High School</b> , Saguenay, QC, Canada  DES & IB MYP, High School Diploma and International Baccalaureate Middle Year Program, June 2011	
RESEARCH EXPERIENCE	<b>Research Intern</b> Mitacs Accelerate, Biosignal Interaction and Personhood Technology Lab School of Physiology and Occupational Therapy, McGill University Supervisor: Stefanie Blain-Moraes, Ph.D.	June 2016 to October 2016
	<b>Research Intern</b> NSERC USRA funded Laboratory of Automation and intelligent 3D multimodal interactions Department of Applied Sciences, Université du Québec À Chicoutimi Supervisors: Martin Otis, Ph.D	May 2014 to September 2014
	<b>Research Intern</b> NSERC USRA funded Laboratory of Automation and intelligent 3D multimodal interactions Department of Applied Sciences, Université du Québec À Chicoutimi Supervisors: Martin Otis, Ph.D	May 2013 to September 2013
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REFEREED JOURNAL PUBLICATIONS	Otis, M. J.-D., Ayena, J. C., Tremblay, L. E., <b>Fortin, P. E.</b> , & Ménélas, B.-A. J. (2016). Use of an Enactive Insole for Reducing the Risk of Falling on Different Types of Soil Using Vibrotactile Cueing for the Elderly. <i>PloS One</i> , 11(9).	

SUBMITTED JOURNAL PUBLICATIONS	<b>Fortin, P. E.</b> , & Cooperstock J. R. (2016). Exploring the relationship between laughter stimuli and the perception of emotion-rich tactile interactions. Submitted to IEEE Transactions on Affective Computing Special Issue on Laughter.
CONFERENCE PAPERS	<b>Fortin, P. E.</b> , Otis, M. J.-D., Duchaine, V., & Cooperstock, J. R. (2014). Event-based haptic vibration synthesis using a recursive filter for lower limb prosthetics. In 2014 IEEE International Symposium on Haptic, Audio and Visual Environments and Games (HAVE) Proceedings (pp. 47-52).
PAPERS IN PREPARATION	<p><b>Fortin, P. E.</b>, Blum, J., &amp; Cooperstock, J. R. (2017). "Electrical Muscle Stimulation for Simulated Heat Withdrawal Response"</p> <p><b>Fortin, P. E.</b>, Cooperstock J. R., &amp; Blain-Moraes, S. (2017). "A User-Driven Physiological Signals Quality Enhancement Technique for Telemedicine Applications"</p> <p><b>Fortin, P. E.</b>, Serfaty, N., &amp; Cooperstock, J. R. (2017). "Text Entry based, Contextually Aware Mobile Based Emotion Classifier"</p>
AWARDS	<p>Travel Awards</p> <ul style="list-style-type: none"> <li>• McGill GREAT Travel Award, ACM User Interaction and Software Technology Symposium (UIST), Tokyo, Japan <span style="float: right;">October 2016</span></li> <li>• SIGCHI Student Travel Grant for UIST 2016, Tokyo, Japan <span style="float: right;">October 2016</span></li> </ul> <p>Awards — McGill University,</p> <ul style="list-style-type: none"> <li>• McGill Engineering Doctoral Award <span style="float: right;">2016-2019</span></li> <li>• Les Vadasz Engineering Fellowship <span style="float: right;">2016-2017</span></li> <li>• Hydro-Quebec Doctoral Fellowships in Engineering <span style="float: right;">2016-2017</span></li> </ul> <p>Awards — Université du Québec À Chicoutimi,</p> <ul style="list-style-type: none"> <li>• National Sciences and Engineering Research Council of Canada (NSERC) Undergraduate Student Research Award (USRA) <span style="float: right;">2014</span></li> <li>• National Sciences and Engineering Research Council of Canada (NSERC) Undergraduate Student Research Award (USRA) <span style="float: right;">2013</span></li> <li>• UQAC Capitalized Development Funds - Desjardins Award <span style="float: right;">2013</span></li> </ul>
TEACHING EXPERIENCE	<p>Teaching Assistant <span style="float: right;">Fall 2012</span></p> <p>6GEN645 - Microcontroller systems Instructor: Martin Otis, Ph.D Department of Applied Sciences, Université du Québec À Chicoutimi</p> <p>Teaching Assistant <span style="float: right;">Spring 2012</span></p> <p>6TIN100 - Introduction to computer programming Instructor: Hatem Mrad, Ph.D Department of Applied Sciences, Université du Québec À Chicoutimi</p>
MEMBERSHIPS	<p>Student Member, IEEE</p> <p>Student Member, Centre for Interdisciplinary Research in Music Media and Technology (CIRMMT)</p> <p>Student Member, Centre for Interdisciplinary Research in Rehabilitation of Greater Montreal (CRIR)</p>