

**Nicole Lehrer**

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Targeting a junior IOS developer position (NYC or SF Bay Area preferred)  
 Interested in the conceptualization and development of UI/UX intensive mobile applications

<b>Relevant experience</b>	<b><i>Consulting for Aural Analytics on mobile app for speech therapy</i></b> <ul style="list-style-type: none"> <li>• Worked with engineering and therapy leads to conceptualize IOS apps for remote speech therapy between therapist and patient</li> <li>• Implemented front end in Objective-C</li> <li>• Therapist application placed in the finalist round of the 2014 Vodafone Wireless Innovation Competition</li> </ul>	Jan 2014 - May 2015
	<b><i>Graduate research – mobile app for monitoring progress in physical therapy</i></b> <ul style="list-style-type: none"> <li>• Conceptualized and implemented an IOS app for physical therapists to capture, edit, annotate and organize videos of patient movement during therapy</li> <li>• Implemented full application in Objective-C</li> <li>• Used by 2 physical therapists during 6 mo. multi-site clinical study</li> </ul>	Aug 2008 - Dec 2014
	<b><i>Graduate research - interactive feedback for upper extremity stroke therapy</i></b> <ul style="list-style-type: none"> <li>• Conceptualized and implemented Cocoa-based application plugins for generative visual feedback mapped to movement data from stroke survivors</li> <li>• Implemented in Objective-C and OpenGL</li> <li>• Plugins used in a 24 mo. clinical study with 10 stroke survivors and 6 mo. multi-site clinical study with 8 stroke survivors</li> </ul>	Aug 2008 - Dec 2014
<b>Education</b>	<b><i>Student at Recurse Center Summer I Batch</i></b> <ul style="list-style-type: none"> <li>• Focused on learning Swift for IOS</li> </ul>	May 2015 - Aug 2015
	<b><i>Ph.D. in Media Arts and Sciences</i></b> <ul style="list-style-type: none"> <li>• School of Arts, Media and Engineering at Arizona State University</li> <li>• Dissertation: Applied Interdisciplinary Concepts for Designing Visual Media Within Interactive Neurorehabilitation Systems</li> </ul>	Aug 2008 - Dec 2014
	<b><i>Bachelor of Science in Engineering in Biomedical Engineering</i></b> <ul style="list-style-type: none"> <li>• School of Engineering at Tulane University</li> </ul>	Aug 2003 - May 2008
<b>Scholarships &amp; Fellowships</b>	<b><i>Bachelor of Fine Arts in Painting</i></b> <ul style="list-style-type: none"> <li>• School of Liberal Arts and Sciences at Tulane University</li> </ul>	
	<ul style="list-style-type: none"> <li>• National Science Foundation Integrative Graduate Education Research Traineeship (NSF-IGERT) Fellowship for graduate study at Arizona State University</li> </ul>	Aug 2010 - July 2013
	<ul style="list-style-type: none"> <li>• Science Foundation of Arizona Research Fellow for graduate study at Arizona State University</li> <li>• Dean's Honor Scholarship for full tuition for undergraduate study at School of Engineering, Tulane University</li> </ul>	Aug 2008 - July 2010 Aug 2003 - May 2007
<b>Teaching Assistantships</b>	<ul style="list-style-type: none"> <li>• Visual media sections of the Collaborative and Capstone Projects Courses offered by the Digital Culture Undergraduate Program at Arizona State University, focused on collaborative design and research</li> </ul>	Aug 2013 - May 2014
<b>Visual Arts Honors in Painting</b>	<ul style="list-style-type: none"> <li>• Bachelor of Fine Arts Exhibition, Tulane University Newcomb Art Department</li> <li>• Juried Undergraduate Student Exhibition, Tulane University Newcomb Art Department</li> <li>• Marjorie Clarke Ferguson Memorial Award, Tulane University</li> <li>• Class of 1914 Prize, Tulane University</li> <li>• Alice Stirling Parkerson Award for Studio Art, Tulane University</li> </ul>	May 2008 2007, 2006, 2003 2008 2007 2005

