

# Ruokan Anna He

[rhe@andrew.cmu.edu](mailto:rhe@andrew.cmu.edu) (412)-812-9141 [www.heruokan.com](http://www.heruokan.com)

<b>EDUCATION</b>	<b>CARNEGIE MELLON UNIVERSITY</b> Entertainment Technology Center Pittsburgh, PA <i>Master of Entertainment Technology</i> May 2014
	<b>DONGHUA UNIVERSITY</b> College of Information and Technology Shanghai, China <i>Bachelor of Engineering in Automation (Electrical Engineering)</i> June 2012
<b>SKILLS</b>	<b>Programming Languages:</b> Java, Javascript, JQuery, Html5, CSS3, C, Python <b>Others:</b> Bootstrap, AJAX, LESS, jQuery UI, raphaeljs, impactjs, NodeJS, Adobe Photoshop
<b>EXPERIENCE</b>	<b>University of Pittsburgh—Internal Medicine</b> Pittsburgh, PA <b>Intern—Prototype Developer</b> Summer 2013 <ul style="list-style-type: none"><li>Designed and developed a series of interactive survey using Javascript, AJAX, HTML5 and CSS3 on web platforms that will be the foundation for a mental health education intervention</li></ul>
<b>PROJECT</b>	<b>Horizon-&gt;Run!</b> Pittsburgh, PA <i>CMU ETC Project (Student Pitch Project)</i> Spring 2014 <b>Role:</b> Producer / Front End Developer <b>Team:</b> 5 People <ul style="list-style-type: none"><li>Goal: Create a game platform using indoor mapping. Cellphone can use Wifi to detect user's specific location in an indoor building</li><li>Work: Team Promotion Website and Android App front-end development</li></ul> <b>TransNeuroSia</b> Pittsburgh, PA <i>CMU ETC Project (Client: Telemedicine and Advanced Technology Research Center)</i> Fall 2013 <b>Role:</b> UI&UX Designer/ Website Designer <b>Team:</b> 4 People <ul style="list-style-type: none"><li>Goal: Create an interactive experience which shows a vision of medicine and bio-tech in the future</li><li>Work: Designed the whole experience and interface on touch screen. Created several prototype and project promo website</li></ul> <b>Twitter Analytics</b> Pittsburgh, PA <i>(Class: Principles of Software Construction: Objects, Design and Concurrency)</i> Fall 2013 <b>Role:</b> Developer <b>Team:</b> 2 People <ul style="list-style-type: none"><li>Goal: Build a social-media analysis framework for Twitter and implement plug-ins for it</li><li>Work: Using Twitter4J to query Twitter various data and provide different method for data analyze in the framework. The plug-in compares tweets number in different time for a certain theme</li></ul> <b>Morality Play</b> Pittsburgh, PA <i>CMU ETC Project (Client: CMU Philosophy Department)</i> Spring 2013 <b>Role:</b> Front End Developer/Designer <b>Team:</b> 6 People <ul style="list-style-type: none"><li>Goal: Build an interactive website based on documentary of America inequality</li><li>Work: Designed and developed several interactive info-Graphic using Html5, JQuery and CSS3</li></ul> <b>Robot Octopus HTML5 Mobile Game</b> Pittsburgh, PA <i>(Class: Cross-Platform Mobile Web Apps)</i> Spring 2013 <b>Role:</b> Front-End Programmer/ Designer <b>Team:</b> 3 People <ul style="list-style-type: none"><li>A multiplayer game using Socket.io for synchronous game state communication between desktop and mobile; using Impact.js as the game engine</li><li>Created interactive tutorial in JQuery and CSS3. Designed storyboard, and main character</li></ul> <b>Building Virtual Worlds</b> Pittsburgh, PA <i>CMU ETC Project-Based Course</i> Fall 2012 <ul style="list-style-type: none"><li>Participated in different four-person teams to build 5 virtual worlds based on different platforms (Eye tracker, PS Move, Kinect)</li><li>Worked as a 3D modeler and level designer, and created the environment of virtual worlds in Unity3D</li></ul>