

<b>Objective</b>	To obtain a software engineering internship for Summer 2016 and to contribute meaningfully to a project while gaining experience in the field of computing and software engineering		
<b>Education</b>	<b>Case Western Reserve University – Cleveland, OH</b> <i>B.S., Computer Science, with additional coursework in Biomedical Engineering</i> August 2012 – January 2017 (expected)		
	<b>Stuyvesant High School – New York, NY</b> <i>High school diploma</i> September 2008 – June 2012		
<b>Projects</b>	<b>It Takes A Village</b> lucyktan.github.io/ItTakesAVillage		Jan 2015 – May 2015 <i>Game Developer and Designer</i>
	<ul style="list-style-type: none"><li>A therapeutic game built in Unity3D for parents with postpartum depression</li></ul>		
<b>Coursework</b>	<i>Computer Sci.</i>	Matlab, Java, Data Structures, Theoretical Computer Science, Computer Organization Logic Design, Game Design and Implementation	
	<i>Mathematics</i>	Calculus I & II for Engineers, Multivariate Calculus, Differential Equations, Statistics for Engineering and Science, Discrete Mathematics, Logic	
	<i>In Progress</i>	Algorithms, Computer Networks, Operating Systems, Database Systems, Software Engineering	
<b>Skills</b>	<i>Primary</i>	Java	
	<i>Proficient</i>	Matlab, LaTeX, Git, C#, C, HTML/CSS, JavaScript, Verilog, Unity3D, Origin, ImageJ	
	<i>In Progress</i>	Python, Linux/UNIX, SQL	
<b>Experience</b>	<b>Alsberg Stem Cell and Engineered Novel Therapeutics Lab</b> Case Western Reserve University – Cleveland, OH		Sep 2013 – Aug 2014 <i>Undergraduate Research Assistant</i>
	<ul style="list-style-type: none"><li>Prepared and conducted experiments towards a project on controlled growth factor release via microspheres in 3D cell culture for vascularized bone tissue engineering</li><li>Attended weekly lab group meetings and presented biweekly project reports</li></ul>		
	<b>Experimental Pathology Lab in the Dept of Pathology</b> Case Western Reserve University – Cleveland, OH		Sep 2012 – May 2013 <i>Undergraduate Research Assistant</i>
<b>Activities</b>	<ul style="list-style-type: none"><li>Genotyped, bred, and maintained over 50 different mice strains to be used in immunology experiments at the Animal Resource Center and Dirty Quarantine Room</li></ul>		
	<b>Biomechanics and Mechanotransduction Lab</b> Columbia University – New York, NY		Mar 2011 – Dec 2011 <i>Research Assistant</i>
	<ul style="list-style-type: none"><li>Designed and conducted an independent research project on the effects of mobile phone radiation on human keratinocyte migration <i>in vitro</i></li><li>Received the Intel Science Talent Search (Westinghouse) 2012 semi-finalist award</li></ul>		
<b>Activities</b>	<b>Women in Science and Engineering Roundtable (WISER)</b> Case Western Reserve University – Cleveland, OH		Sep 2014 – present <i>Undergraduate Mentor and Member</i>
	<ul style="list-style-type: none"><li>Mentored first-year undergraduate women in science and engineering</li><li>Provided science experiment demonstrations to young girls in local schools</li></ul>		