

Education	Case Western Reserve University – Cleveland, OH <i>B.S., Computer Science</i> August 2012 – January 2017 (expected)	Stuyvesant High School – New York, NY <i>High school diploma</i> September 2008 – June 2012
Projects	A Year Of. (in progress) <ul style="list-style-type: none">A social good iOS app for philanthropy and a better educated global citizenry It Takes A Village lucyktan.github.io/ItTakesAVillage <ul style="list-style-type: none">A therapeutic game built in Unity3D for parents with postpartum depression	Aug 2015 – present <i>Developer and Designer</i> Jan 2015 – May 2015 <i>Developer and Designer</i>
Coursework	<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 and Concurrent Programming, Database Systems, Software Engineering	
Skills	<i>Primary</i> Java <i>Proficient</i> Matlab, LaTeX, Git, C#, C, HTML/CSS, JavaScript, Unity3D, Origin, ImageJ <i>In Progress</i> Python, Linux/UNIX, SQL	
Experience	Alsberg Stem Cell and Engineered Novel Therapeutics Lab Case Western Reserve University – Cleveland, OH <ul style="list-style-type: none">Prepared and conducted experiments towards a project on controlled growth factor release via microspheres in 3D cell culture for vascularized bone tissue engineeringTroubleshoot new protocols and analyzed resultsAttended weekly lab group meetings and presented biweekly project reports Experimental Pathology Lab in the Dept of Pathology Case Western Reserve University – Cleveland, OH <ul style="list-style-type: none">Genotyped, bred, and maintained over 50 different mice strains and a total of over 800 mice at any given time to be used in immunology experiments at the Animal Resource CenterExtensive use of organizational skills and oversight of a large mice database Biomechanics and Mechanotransduction Lab Columbia University – New York, NY <ul style="list-style-type: none">Designed and conducted an independent research project on the effects of mobile phone radiation on human keratinocyte migration <i>in vitro</i>Received the Intel Science Talent Search (Westinghouse) 2012 semi-finalist award	Sep 2013 – Aug 2014 <i>Research Assistant</i> Sep 2012 – May 2013 <i>Research Assistant</i> Mar 2011 – Dec 2011 <i>Research Assistant</i>
Activities	Women in Science and Engineering Roundtable – Mentor and Member <ul style="list-style-type: none">Mentor first-year female undergraduates in STEM fieldsVolunteer at outreach activities for K-12 girls to participate in STEM Case Emergency Medical Services – Shift Officer <ul style="list-style-type: none">Responded to medical emergencies, and transported patients to local hospitals CWRU Fencing Club – Foil Fencer <ul style="list-style-type: none">Participated in weekly practices and attended local competitive tournaments	Sep 2014 – present Sep 2012 – May 2014 Sep 2012 – May 2013