

Matthew L. Roth

70 Frost Avenue, East Brunswick, NJ 08816 USA · +1(908) 768-4926 · Matthewlewisroth@gmail.com

EDUCATION:	<p><u>European Institute of Innovation & Technology Master's Programme</u> <u>Human Computer Interaction and Design with Specialization in Cognitive Interaction</u> – Pan-European</p> <p>KTH, Royal Institute of Technology – Stockholm, Sweden <i>Master of Science (Teknologie Masterexamen) (120 credits) in ICT Innovation</i></p> <p>University of Trento – Trento, Italy <i>Master of Science in Computer Science (Laurea Magistrale in Informatica)</i></p> <p>University College London – London, United Kingdom <i>Urban Life & Mobility</i></p> <p>EIT Master School – Kista, Sweden <i>Certificate - Minor in Innovation and Entrepreneurship</i></p> <p>Lehigh University – Bethlehem, Pennsylvania, United States of America <i>Bachelor of Science in Computer Science Engineering</i> Study Abroad: Lehigh in Munich Lehigh in Cuba</p>
RELATED EXPERIENCE:	<p>Bentley Systems – Philadelphia, Pennsylvania, United States of America <i>User Experience (UX) Design Intern</i></p> <ul style="list-style-type: none">• Designed user interface interactions, workflows, and graphics/icons• Researched, developed, and documented UX Standards• Conducted usability surveys and labs• Created mockups, storyboards, and interactive prototypes <p>Lehigh University WIRED – Bethlehem, Pennsylvania, United States of America <i>Senior Consultant</i></p> <ul style="list-style-type: none">• Solved problems with student computers and performed general repairs
RESEARCH:	<p>Graphical User Interface Research - Professor Brian Chen, Bethlehem, Pennsylvania, United States of America - December 2011 – May 2014</p> <ul style="list-style-type: none">• Worked on using HTML5 to create a user interface, which incorporates multi-touch technology as part of bioinformatics research
SKILLS:	<p><i>Programming Languages</i></p> <ul style="list-style-type: none">• C, C++, Java, HTML5, CSS3, JavaScript, AJAX, PHP, JSON, JQuery, MATLAB, Scheme, Python, JScrip <p><i>Design</i></p> <ul style="list-style-type: none">• Storyboarding, Wire framing, Sketching, Icon Design, Graphic Design, Vector Graphics, Mock-ups, 3D Modeling <p><i>Software</i></p> <ul style="list-style-type: none">• MS Office, Adobe Creative Suite, Final Cut, Balsamiq Mockups, Inkscape, Indigo Studio, MicroStation, Web Design, CVS, Subversion, Sketch 3, Axure <p><i>Languages</i></p> <ul style="list-style-type: none">• English (Fluent/Native), Italian (Professional Working Proficiency)
EMPLOYMENT AUTHORIZATION:	<p><i>United States of America (US Citizen)</i></p> <p><i>European Union (Italian Citizen)</i></p>
LEADERSHIP: ACTIVITIES:	<p>Phi Sigma Kappa Fraternity – <i>Leadership & Green Chair</i></p> <p>Phi Sigma Pi National Honor Fraternity, National Society of Leadership and Success, Lehigh Eco-Rep, Italian Club, Varsity Crew Team</p>