

Matthew L. Roth

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User Experience Designer



EDUCATION:

European Institute of Innovation & Technology Master's Programme
Human Computer Interaction and Design with Specialization in Cognitive Interaction

KTH, Royal Institute of Technology – Stockholm, Sweden
Master of Science (Teknologie Masterexamen) (120 credits) in ICT Innovation



University of Trento – Trento, Italy
Master of Science in Computer Science (Laurea Magistrale in Informatica)



University College London – London, United Kingdom
Urban Life & Mobility School

EIT Master School – Kista, Sweden
Certificate - Minor in Innovation and Entrepreneurship



Lehigh University – Bethlehem, Pennsylvania, United States of America
Bachelor of Science in Computer Science Engineering
Study Abroad: Lehigh in Munich, Lehigh in Cuba



RELATED

EXPERIENCE:

Bentley Systems – Philadelphia, Pennsylvania, United States of America
User Experience (UX) Design Intern

- 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



Lehigh University WIRED – Bethlehem, Pennsylvania, United States of America
Senior Consultant

- Solved problems with student computers and performed general repairs



RESEARCH:

Graphical User Interface Research - Professor Brian Chen, Bethlehem, Pennsylvania, United States of America

- Worked on using HTML5 to create a user interface, which incorporates multi-touch technology as part of bioinformatics research



SKILLS:

Programming Languages: C, C++, Java, HTML5, CSS3, JavaScript, AJAX, PHP, JSON, JQuery, MATLAB, Scheme, Python, JScript



Design: Storyboarding, Wireframing, Sketching, Icon Design, Graphic Design, Vector Graphics, Mock-ups, 3D Modeling



Software: MS Office, Adobe Creative Suite, Final Cut, Balsamiq Mockups, Inkscape, Indigo Studio, MicroStation, Web Design/Publishing, CVS, Subversion, Sketch 3

Languages: English (Fluent/Native), Italian (Professional Working Proficiency)



EMPLOMENT

AUTHORIZATION:



ACTIVITIES: Phi Sigma Kappa Fraternity – Leadership & Green Chair
Phi Sigma Pi National Honor Fraternity, National Society of Leadership and Success, Lehigh Eco-Rep, Italian Club, Varsity Crew Team