

# MATTHEW L ROTH

## USER EXPERIENCE DESIGNER



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matthewlroth.com

## EDUCATION

Master of Science in Human-Computer Interaction  
KTH, Royal Institute of Technology

Master of Science in Computer Science  
University of Trento

Bachelor of Science in Computer Science Engineering  
Lehigh University

Certificate in Urban life and Mobility  
University College London

Certificate in Innovation and Entrepreneurship  
EIT Master School

## WORK EXPERIENCE

User Experience (UX) Design Intern

**Bentley Systems**

- 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

Senior Consultant

**Lehigh University WIRED**

- Solved problems with student computers and performed general repairs

## RESEARCH

Graphical User interface Research

**Lehigh University**

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

## LEADERSHIP 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

## design

USER RESEARCH  
USABILITY TESTING  
PERSONAS  
MOCKUPS  
WIREFRAMING  
INTERACTION DESIGN  
UI DESIGN  
SKETCHING  
ICON DESIGN  
A/B TESTING  
SITEMAPS  
CARDSORTING  
USER FLOWS  
DATA VISUALIZATION  
WEB DESIGN  
3D MODELING

## tools

BALSAMIQ  
AXURE  
INVISION  
ILLUSTRATOR  
PHOTOSHOP  
INDESIGN  
SKETCH 3  
INDIGO STUDIO

## code

C / C++  
JAVA  
HTML / CSS  
JAVASCRIPT  
JQUERY  
PYTHON

## employment authorizations



United States of America (US Citizen)

European Economic Area (Italian Citizen)

## languages

English  
Italian