# MATTHEW L ROTH

### JSER EXPERIENCE DESIGNER



resume@matthewlroth.com



+1 (908) 768-4926



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

## design

USER RESEARCH

**USABILITY TESTING** 

PERSONAS

**MOCKUPS** 

WIREFRAMING

INTERACTION DESIGN

**UI DESIGN** 

**SKETCHING** 

**ICON DESIGN** 

A/B TESTING

SITEMAPS

**CARDSORTING** 

**USER FLOWS** 

DATA VISUALIZAION

**WEB DESIGN** 

3D MODELING

### tools

BALSAMIQ

**AXURE** 

INVISION

**ILLUSTRATOR** 

PHOTOSHOP

INDESIGN

SKETCH 3

INDIGO STUDIO

code

C/C++

JAVA

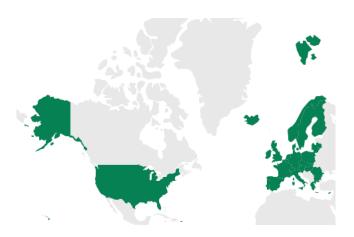
HTML/CSS

JAVASCRIPT

JQUERY

PYTHON

# employment authorzations



United States of America (US Citizen)

European Economic Area (Italian Citizen)

## 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 languages

English

Italian