

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

Associate Product Manager
Bloomingdale's

- Gather requirements from stakeholders and write stories
- Develop and present enhancement opportunity assessment
- Coordinate with team for development and approve final product

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 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

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