

ERICA LEWIS

eslewis@wisc.edu

949. 525. 7999

EDUCATION

University of Wisconsin-Madison | Madison, WI

B.S. Materials Science and Engineering

Certificates: Textile Science & Material Culture

Expected December 2016

University of Queensland, St. Lucia | Brisbane, AUS

International Engineering Studies & Programs

March-July 2014

EXPERIENCE

UW-Madison Human Computer Interaction Lab

Undergraduate Researcher, *January 2016-present*

Conducting a scenario-based study to investigate 3D printing various materials for the physical design of a household robot. Participated in the Undergraduate HCI

Reading Group and weekly lab meetings.

Kimberly-Clark Corporation

Engineering Co-op, *May 2015-December 2015*

Troubleshoot mechanical testing software and performed software usability testing.

Established vendor relationships, designed experiments, and analyzed data, and

published technical documents for the material development team.

UW-Madison Chemical and Biological Engineering

Research Lab Assistant, *February 2013-February 2014*

Operated polishing instruments, evaluated data with various material characterization techniques, and collaborated with sales engineers when

LEADERSHIP

Website Designer & Social Chair for Kimberly-Clark Co-op

Intern Network, *Fall 2016*

Redesigned the website to improve the usability and the look and feel. Planned social events for the co-ops and interns.

Apparel Design Director for Alpha Phi Omega, *Fall 2011*

Designed apparel and managed apparel budget.

Team Captain for UW-Madison Club Tennis, *Fall 2013*

Organized matches and recorded team scores.

SKILLS

Courses

Human Computer Interaction

Wearable Technologies

Drawing

Problem Solving with Computers

Color Theory & Technology

Art, Design, & Materials

Technical Communication

Software

Invision

Balsamiq

MATLAB

Maple

Arduino (basic)

Design

3D Printing

Illustrator

Photoshop

InDesign

Research

Think-alouds

Interviews

Usability Testing

Affinity Diagrams

Personas

Contextual Inquiry