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## EDUCATION

Carnegie Mellon University (Pittsburgh, PA)  
B.S. in Human-Computer Interaction and Psychology.  
Overall QPA: 3.24/4.00.

## RELEVANT COURSEWORK

### HUMAN-COMPUTER INTERACTION

HCI Capstone Project, HCI Methods, Basic Interaction Design, Programming Usable Interfaces, Communication Design Fundamentals, Industrial Design Fundamentals

### PSYCHOLOGY

Perception, Human Factors, Applications of Cognitive Science, Intro to Parallel Distributed Processing, Cognitive Research Methods, Social Research Methods

## SKILLS

### RESEARCH METHODS

contextual inquiry, contextual design, heuristic evaluation, keystroke-level modeling, cognitive walkthrough, think-aloud, directed storytelling

### DESIGN METHODS

persona generation, rapid prototyping, speed-dating concept validation, photography, video sketch creation

### SOFTWARE

Adobe Creative Suite, Apple Final Cut Pro, Coda, Apple Aperture, Eclipse

### PROGRAMMING

XHTML, CSS, Javascript, ActionScript, Java

## WORK EXPERIENCE

### WIKLUND RESEARCH & DESIGN

#### HUMAN FACTORS ASSISTANT, SUMMER 2008

Designed touchscreen interface for an infusion pump, focusing on the data entry tasks performed by critical care nurses. Performed legibility analysis on drug label type and color to ensure readability and minimize the chance of selection errors by pharmacists, then produced a document to guide future labeling analysis. Helped administer usability tests for a prototype dialysis machine.

### HUMAN-COMPUTER INTERACTION INSTITUTE USER STUDIES LAB

#### RESEARCH ASSISTANT, SUMMER 2007

Conducted literature reviews, pre-tested studies, organized and analyzed experimental results, and administered user study sessions.

### DIGITALBRIDGE COMMUNICATIONS

#### INTERN, SUMMER 2006

Designed company's first standards-compliant website, including a searchable Google Map that customers could use to check their WiMAX coverage.

### MEDISYNC BIOSERVICES, INC.

#### FREELANCE, 2008–

Designed company logo and business cards.

### ECHO HEALTHCARE ACQUISITION CORP.

#### FREELANCE, 2005–2008

Designed company logo, branding, print materials, and standards-compliant website.

### HARMFUL IF SWALLOWED

#### FREELANCE, 2007

Designed logo and jerseys for college ultimate team.

## PROJECTS

### HUMAN-COMPUTER INTERACTION METHODS

#### SUSTAINABLE HOUSING SEARCH TOOL

contextual inquiry, contextual design, heuristic evaluation, keystroke-level modeling, cognitive walkthrough, think-aloud

### BASIC INTERACTION DESIGN

#### MOBILE PHONE INFORMATION SERVICE, PERSONALIZED WEB SERVICE, INTELLIGENT HOME AGENT

persona generation, directed storytelling, rapid prototyping, speed-dating concept validation, video sketch creation

### PROGRAMMING USABLE INTERFACES

#### GIANT EAGLE SELF-CHECKOUT REGISTER REDESIGN

rapid prototyping, think-aloud

### INDUSTRIAL DESIGN FUNDAMENTALS

#### TEA-CANDLE HOLDER, CARDBOARD CHAIR, MUSIC & MEAL SYSTEM

rapid prototyping

## ACTIVITIES

RUN SILENT RUN DEEP ULTIMATE TEAM (BOSTON, 2008). Competed at Northeast Regionals.

MR. YUK ULTIMATE TEAM (CMU, 2005–). Core Officer during 2008–2009 season.

SKI & SNOWBOARD CLUB (CMU, 2005–)

TARTANS ICE HOCKEY TEAM (CMU, 2005–2006)

README HUMOR MAGAZINE (CMU, 2005–2006)