

WILLY YONKERS

738 Bomont Rd
Lutherville MD, 21093
(312) 576-2078

e-mail: willyyonkers@gmail.com

URL: www.willyyonkers.com

SKILLS

- User and trend research, ethnographic studies, strategic planning
- Concept sketching, drafting, aesthetic and mechanical ideation
- Illustrator and PhotoWorks rendering - Photoshop cleanup
- SolidWorks ideation and design - Injection molded part pre-engineering
- User interface ideation and prototyping - refinement for implementation
- Model making and prototype fabrication, including sewing soft models

WORK EXPERIENCE

Freelance industrial design

2009

- Clients from Virginia to Connecticut – Consumer electronics, medical devices, and interactive exhibits

Tres Design Group

2004 – 2008 (www.tresdesign.com)

- Staff designer - Consumer electronics, house-wares, sporting and medical equipment
- User research, ideation sketching, component layout, illustrator rendering, SolidWorks part design
- GUI ideation, design, implementation, and testing
- Clients include: Intel, Segway, Medtronic, Wilton/Copco, Acco/Swingline, Master-Lock, Bell Sports, P&G, Whirlpool

National Building Museum

2003 (www.nbm.org)

- Working display models of 2 types of elevators and an escalator for an exhibition.
- Designed and built 2 full size geodesic dome "kits" for teaching visiting school children.
- Designed and built assorted furniture pieces for several exhibits.
- Exhibits include: Anacostia river front, Frank Gehry - Symphony in steel, Masonry Variations, Up, Down, Across

SUMMER / SHORT TERM JOBS

CMU Human Computer Interaction Institute

2002 (www.peopleandrobots.org)

Ethnographic research and ideation to make service robots more accessible to, and interactive with the elderly.

Freelance footwear design

2001

Research, ergonomics, and ideation to make a women's high-heel shoe more shock absorbent and comfortable.

National Robotics Engineering Consortium

2000 (www.rec.ri.cmu.edu)

Large, carbon fiber, handheld remote and fiberglass engine enclosure for an agricultural robot

CORPORATE / SCHOOL

New Balance

Fall 2002

Worked with a PHD student to research yoga breathing techniques to aid in relaxation between periods of physical activity. Designed the physical and graphical aspects of a shirt to help teach relaxation through breath control.

Ford Outfitters

Spring 2002

Worked on interdisciplinary team to improve interior lighting in the Ford Escape.

DuPont

Fall 2000

Designed a LYCRA oil absorbent sponge and system. We worked in conjunction with DuPont and CMU chemical engineers to develop a floating boom system that would contain and absorb spilled crude oil on the open ocean.

EDUCATION

Maryland Institute College of Art - Continuing education Adobe Flash CS4 & action script 3

School of the Art Institute Chicago - Continuing education sculpture & Metal forging classes

Carnegie Mellon University - BFA Industrial Design - Graduated May 2002

Maryland Institute College of Art - Summer sculpture classes

Carnegie Mellon University - Mechanical & Civil Engineering introductory classes