Nicole Navolio

UX Research and Design

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EDUCATION

CARNEGIE MELLON UNIVERSITY Pittsburgh, PA
Master of Human-Computer Interaction, Aug 2015

CARNEGIE MELLON UNIVERSITY Pittsburgh, PA
Bachelor of Science in Chemical Engineering and Psychology, May 2011

PROJECTS

CLOSED LOOP, Capstone Project with Construction Junction
RESEARCH LEAD, Jan 2015 – present
- o Investigate how technology can make reuse more convenient
- o Design an online platform that connects donors and reuse organizations

FLIPPIN' PANCAKES, Applied Gadgets, Sensors and Activity Recognition
- o Fabricated a game utilizing an 8x8 LED Matrix, an accelerometer, and an Arduino

TERNARY, Reactive Spaces and Media Architecture
- o Installed an interactive mirror that reduced a complex video stream into red, green, or blue LEDs

SCOTTY DOG DRESS UP GAME, Graphical User Interfaces Lab
- o Developed a web-based dress up game in which players can put hats, bows, and other items on a Scottish terrier

ACCELERATE, Interaction Design Fundamentals
- o Designed a mobile app that enhances the knowledge of EMTs and other emergency response personnel through friendly competition

EXPERIENCE

AUDITORY PERCEPTION LAB, CARNEGIE MELLON Pittsburgh, PA
RESEARCH ASSOCIATE, DR. LAURIE HELLER, Oct 2011 – present
- o Investigate how humans perceive environmental sounds using behavioral and neuroimaging experiments
- o Design and implement interfaces for data collection
- o Perform statistical analysis and prepare manuscripts for publication

CARNEGIE MELLON UNIVERSITY Pittsburgh, PA
RESEARCH ASSISTANT, DR. ALESSANDRO ACQUISTI, Aug 2012 – Aug 2013
- o Explored relationships between labor economics and social media
- o Developed protocols for data collection and information security

SKILLS

UX METHODS
Wireframing
Storyboarding
Affinity Diagrams
Personas
Scenarios
Surveys
Competitive Analysis
Interviews
Heuristic Evaluation
Think-aloud
Contextual Inquiry
A/B Testing

UI METHODS
Illustrator
Photoshop
InVision

PROTOTYPING
Sketching
Laser Cutting
3d Printing
Arduino
Raspberry Pi

PROGRAMMING
Matlab
HTML
CSS
JavaScript
Processing