

ERIC THOMPSON

M.E.  UX

I am looking for an innovative culture where I can apply my creativity and disruptive mindset to develop novel interactions, digital platforms and embedded devices.

EDUCATION

Georgia Institute of Technology, Atlanta, GA — *MS-Human Computer Interaction*

August 2016 - Present

Rowan University, Glassboro, NJ — *BS Mechanical Engineering*

September 2010 - May 2014

EXPERIENCE

Graduate Researcher — Interactive Product Design Lab, Atlanta, GA

August 2016 - Present

Implementing user-centered design for interactive product and interface design. Currently working on interactive handwashing station to ensure compliance.

Staff Engineer — Weeks Marine Inc, Cranford, NJ

July 2014 - July 2016

Capital Projects Engineer - Staff engineer construction of Weeks 533 crane barge.
Night Shift Supervisor - Managed Midtown Tunnel fireproof & demolition crew.

Engineering Intern — Gerresheimer Glass Inc, Vineland, NJ

May 2013 - August 2013

Designed and implemented various operations improvements including glass cullet collection system. I prototyped a wax coating station for new glass tubing.

PROJECTS

Experihance, Georgia Institute of Technology,

Designed a research driven app platform and affordable cell phone HUD for creation of co-located social networks around events with access to augmented reality views.

Cheerwash Handwashing Station, Georgia Institute of Technology

Working on project involving hand wash tracking, guidance, and user data collection in the food industry through the station and connected mobile app.

CoolSuit, Personal Project

Designed a wearable that controls individual climate of the wearer with convective cooling.

Myhand Robot Hand, Rowan University

Prototyped a motion-mimicking robot hand in 2 weeks by using nitinol to create motion and soft sensors sewn to a glove wearable.

Weeks 533 Crane Barge, Weeks Marine Inc.

Participated in the major rebuild of this famous 500 ton crane. Duties included design, layout, and management of logistics.

Electroactive Polymers, Rowan University

Conducted research and development into design optimization of the smart materials known as dielectric elastomer actuators under origami engineering NSF Grant.

PUBLICATION

Amritkar, Atharva, Becky Cunningham ... Eric Thompson et al, "Nonthermal Plasma-Assisted Trauma Management: Hemostasis of Noncompressible Profuse Hemorrhage." Plasma Medicine 3, no. 4 (2013).

pericthompson@gmail.com

[linkedin.com/in/pericmakes](https://www.linkedin.com/in/pericmakes)

Pericmakes.com

732-593-9453 || Atlanta, GA

UX SKILLS

- Ideation/Brainstorming
- Storyboarding
- Prototyping
- User Centered Design
- User Research Methods
- Project Management
- Project Controls

DIGITAL SKILLS

- Solidworks
- Arduino IDE
- Axure
- C++
- AutoCAD
- Microsoft Project
- Comsol Multiphysics
- Matlab
- LabVIEW

TECHNICAL SKILLS

- 3-D Printing
- Laser Cutting
- Water Jet
- Soldering
- Circuit Construction
- Milling Machine
- Lathe

ABOUT ME

- Maker
- Blues Pianist
- Photography Junkie
- Former Amateur Athlete
- Caribbean & Latin Dance
- Explorer
- STEM Outreach