

About

Interaction designer specializing in software development and computer-aided design. Interested in working in the field of education for museums, non-profits, and related organizations.

Education

Bachelor of Science, Industrial Design, Class of 2011
University of the Arts, Philadelphia, PA

- University of the Arts Presidential Scholarship Recipient.
- Jane Darley Naeye Scholarship Recipient, 2008-2009 school year.

Experience

The Franklin Institute Science Museum, Philadelphia, PA.

Exhibit Designer / Software Developer, January 2011 - Present.

- Design and prototype museum interactives for upcoming exhibits.
- Discuss prototyping and ongoing work with potential donors.

The Franklin Institute Science Museum, Philadelphia, PA.

Design Intern, May - September 2010.

- Designed an interactive for an upcoming permanent exhibit.

University of the Arts Industrial Design Shop, Philadelphia, PA.

Digital Fabrication Technician, Spring 2009 - Spring 2011.

- Co-created and managed "Techroom@UArts" digital fabrication service.
- Ran laser-cutter, 3D printer, and CNC router for students and professional clients.

Skills

Software

Adobe Photoshop CS5, Adobe Illustrator CS5, Adobe InDesign CS5, Adobe Flash CS5, Adobe Dreamweaver CS5, Adobe AfterEffects CS5, Final Cut Studio, McNeel Rhinoceros 3D.

Coding

Java (Processing), C++ (Arduino), Actionscript 3, Max/MSP. HTML, CSS, JavaScript, JQuery.

Hardware

Digital circuitry with microcontrollers (Arduino). Trained on ULS VersaLaser 6.60 laser cutter, Dimension 1200es SST 3D Printer, ShopBot CNC Router. Built a DIY 3D printer from scratch. Comfortable working in wood, plastic, and aluminum.

Notables

- Designed and constructed a case for a piece of memorabilia on behalf of the Franklin Institute, which was taken to space aboard Space Shuttle Atlantis (STS-135), July 8 - 21, 2011.
- Self-taught musician, proficient with drums, piano, guitar, violin, and analog synthesizers.

References available upon request.