Ariana Daly

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EDUCATION

Carnegie Mellon University
Pittsburgh, PA
BFA, in Electronic and
Time Based Media
May 2019

GPA: 3.56 / 4.0

SKILLS

Programming
Python
Processing (Java)
JavaScript
HTML/CSS
Arduino IDE (C++)
Unity3D (C#)

Fabrication
CAD
  -3D Rhino
  -Fusion360
Digital Fabrication
  -Laser Cutting
  -CNC Routing
  -3D Printing
Light Construction, wood
Welding

Fine Art
Painting
Drawing
Familiar with
  -Premiere Pro
  -After Effects
  -Photoshop
  -Illustrator

Microcontrollers
3Pi Robot
Light Blue Bean
Arduino

PROFILE

Third-year undergraduate creative technologist seeking to create meaningful experiences for public audiences. Skilled in digital fabrication, building prototypes with integrated software, and driving technology with human-centric design. Always looking to learn new tools to bring concepts one step closer to reality.

EXPERIENCE

Design, Fabrication, and Creative Technology Intern, *Iontank*
June – August 2017, Pittsburgh Pennsylvania
Assisted with client projects with Google and the Carnegie Museum of Art, as well as internal projects
- Prepared design ideas for client meeting with Google
- Designed, modeled, fabricated, and programmed a design prototype for Google project
- Operated CNC router, laser cutter, and vinyl cutter
- Used Fusion260 to 3D model and create CAM files for the CNC router

RELEVANT COURSEWORK

Interactivity and Computation with Golan Levin
Creative coding, interactive new-media art, and computational design

Introduction to Physical Computing with Ali Momeni
Conceiving, designing and developing projects with physical computing

Fundamentals of Programming and Computer Science with David Kosbie
Producing clear, robust, and efficient code using top-down design

NOTABLE PROJECTS

Google Light Prototype
Designed, fabricated, and programmed a spherical light prototype of individually lit rings for a Google installation prototype. CNC routed and modeled in Fusion360.

Entanglement
Two CNC routed and laser cut compasses that always point to each other using BLE modules and server connected phones

LED Controller
An installation with a Python user interface to control the RGBW values of a LED strip throughout a set time