Ariana Daly

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EDUCATION

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

GPA: 3.63 / 4.0

SKILLS

Programming
Creative Coding: Unity3D, Arduino, Processing, P5.js
Frontend: HTML/CSS, JQuery, Bootstrap
Backend: Node.js (with Socket.io, Express, MySQL)
Languages: Javascript, Python, C++, C#, Java

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

Microcontrollers
Arduino
Raspberry Pi
Light Blue Bean
3Pi Robot

Art & Design
Adobe Suite
-Premiere Pro
-After Effects
-Photoshop
-Illustrator

PROFILE

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

EXPERIENCE

Software Engineer Intern, *Deeplocal*
May – August 2018, Pittsburgh Pennsylvania
Produced code for client projects

- Developed and deployed site with live statistics with MySQL
- Developed frontend UIs to control an in-house made plotter
- Developed backend server to communicate with the client and frontend UI, as well as with the in-house made main server

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, fabricated, and programmed a design prototype
- Operated CNC router, laser cutter, and vinyl cutter
- 3D modeled and CAMed for the CNC router with Fusion360

NOTABLE PROJECTS

Light Prototype
Designed, fabricated, and programmed a spherical light prototype of individually lit rings for a high profile client's 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