

tatyana deslandes mustakos

tademu.com
tmustako@gmail.com
805 231 2002

Honors

Carnegie Mellon Presidential Scholarship
Patricia Chotiner Traylor Endowed Scholarship
United Federation of Doll Clubs Inc.
Featured in a magazine article for doll-making
Dean's list - College of Fine Arts
Fall 2015

Skills

Fabrication

Rapid Prototyping - *3D Printing, Laser Cutting*
CAD - *Solidworks, Fusion 360, OpenSCAD*
Clay - *Polymer Clay, Ceramics, Plastic Clays*
Textile - *Sewing, Pattern-Making, Soft-Sculpture*
Molding & Casting
Metal Working
Wood Working

Software

Python
Java
HTML/CSS
Javascript
Processing / P5.js
Arduino
TouchDesigner
Max/MSP
Adobe Creative Cloud

Other

Sketching/illustration
Watercolor

Languages

English
Portuguese

Education

B.A. in Interactive Art and Technology
Carnegie Mellon University - May 2019
Graduate with University Honors and College Honors

Experience

Research Assistant - 2017 - 2020

Frank Ratchye STUDIO for Creative Inquiry

- Helped develop PEmbroider, and open source embroidery addon to Processing, which allows users to create embroidery files of custom designs
- Maintenance and Repair of 3D printer
- Computational embroidery on Husqvarna Viking embroidery machine
- Contributed to research projects and assisted with general initiatives like media preparation, as well as translating and creation of coding exercises in Java, JavaScript, and Python.

Teaching Artist - May 2019 - May 2020

Museum Lab at the Children's Museum of Pittsburgh

- develop and facilitates creative, authentic, and project-based experiences with teens, families and groups, using tools, processes, and materials across Museum Lab.

Teaching Assistant - Fall 2018 Semester

Carnegie Mellon IDEATe - Reactive Spaces and Media Architecture

- Assisted students in learning TouchDesigner and debugging software
- Created code for bidirectional simultaneous data transfer through USB between Arduino and Touchdesigner

EYEO Festival - July 2018

Student Volunteer

- Assisted in organization at EYEO, a conference at the intersection of art, data, and creative technology.

Lunar Gala - February 2018

Designer

- Co-designed and fabricated a 10 piece fashion line over the course of 5 months for Pittsburgh's largest fashion show. Incorporated interactive technologies and interdisciplinary concepts into the construction and fabrication of the line.

Teaching Assistant - Spring 2018 Semester

Carnegie Mellon IDEATe - Soft Sculpture and Inflatables

- Assisted in teaching students fundamentals of sewing and construction of inflatable sculpture
- Assisted in creation of Inflatable sculpture installation for CMU's Snoozefest performance

Studio Assistant - July-August 2017

Dark Matter Manufacturing

- Worked as a Studio Assistant for Taeyoon Choi, Tega Brain, and Surya Mattu. Responsibilities included translating code between programming languages, helping with exercise examples for creative coding prompts, and assisting with teaching at Culture Hub's CoLab.

Teaching Assistant - July 2017

CoLab at Culture Hub

- Mentored students during two week-long workshops, and assisted in teaching Html/CSS, p5.js, and story creation to middle schoolers in NYC.