

Education:

Carnegie Mellon University
Bachelor of Computer Science and Arts (QPA 3.6)
December 2017

Experience:

Researcher at the Community Robotics Education and Technology Empowerment Lab at Carnegie Mellon University Robotics Institute

Worked with their EarthDev Team on the Explorables project to create data visualizations with maps to convey compelling stories about the environment and humanity.

Summer 2016

Studio Assistant at the Frank-Ratchye STUDIO for Creative Inquiry

Prepares class materials such as example work for lectures and gathers data to use by students by writing web scrapers.

Fall 2015 ~

Intern for Artists Kevin Swioff and Lisa Park at New Inc.

Head assistant on the creation of Swioff and Park's interactive sculptural installation, Luma. Shown at Red Bull Studios, Chelsea, NYC. Assisted in the coordination of a team of installation assistants and production, designed and 3D printed parts for the sculptures.

Summer 2015

Intern for Artists & Programmers Kyle McDonald and Lauren McCarthy at Metropolitan Exchange

Scraped the web for content to use in a recurrent neural network, wrote data visualizations, created 3d models of installations for planning & fabricated prototypes.

Summer 2015

CNC Router Technician at CMU ArtFab Labs

Assists students and faculty with routing jobs, prepares CAD & CAM files, maintains shop and facilities.

Fall 2013 - Spring 2016

Awards and Honors:

Frank-Ratchye Fund for the Art at the Frontier Microgrant
Jan 2017

The Henry Armero Memorial Award for Inclusive Creativity
Jan 2016

Frank-Ratchye Fund for the Art at the Frontier Microgrant
Oct 2015

John L. Porter Sophomore Award
May 2015

Fundamentals of Programming Competition Championship Round
Spring 2014

Dean's List
Fall 2013~

High Honors Dean's List
Spring 2013

Carnegie Museum of Art - 2 Minute Film Festival
Onsite People's Choice Award and Online People's Choice Award
June 2014

Skills:

Programming-

C
Javascript
OpenFrameworks(C++)
Processing(Java)
Python
SML

Prototyping-

3D printing
CNC Routing
lasercutting
welding
woodworking

Software-

Adobe CC
Agisoft Photoscan
Maya
Optitrack
Rhinoceros
Rhinocam
RaspPi
Sketchup
Unity