



Miguel Rosendo

CONTACT

917-573-1084

rosendom@union.edu

www.miguelrosendo.com

LinkedIn: Goo.gl/1WdRFJ

Harlem, New York

PROGRAMMING LANGUAGES (Proficient)

PYTHON
JAVA

OTHER (Familiar)

R
HTML
SQL

SKILLS

ILLUSTRATOR
PHOTOSHOP
CINEMA 4D
SPANISH (FLUENT)
EXPERIENCE WITH CAD

EDUCATION

UNION COLLEGE, SCHENECTADY, NY

Bachelor of Science in Computer Science and Digital (ID),

June 2019

Selected Coursework: Software Engineering (current), Senior Thesis Sequence (Current), 3D Computer Modeling (Fall 2018), Algorithm Design & Analysis (Spring 2018), Large-Scale Software Design (Winter 2018), Intro to Robotics (Fall 2017), Modeling & Simulation (Winter 2017), User Interfaces (Fall 2016), Data Structures (Winter 2016), Intro to CS (Fall 2016)

NYC ISCHOOL, NEW YORK, NY

NYS Regents High School Diploma

June 2015

PROJECTS

SENIOR COMPUTER SCIENCE THESIS

Spring 2018-

I am working a redesign of a robot face designed by Union's own Professor Kristina Striegnitz, for ongoing research by Union Professors and students into Human-Robot interaction. The face is constructed using multiple JavaScript classes for various components of the face as well as classes for communicating across the ROS platform with the robot. study, I am focusing on the effects that eyelids and eyebrows can have on user empathy towards the robot and accurate perception of emotions.

FINITE STATE MACHINE

Winter 2018

Used design patterns and git project management to design a Finite State Machine implementation with an interface working with a group.

EXPERIENCE

COMPUTER SCIENCE TEACHER, BOYS AND GIRLS CLUB OF SCHENECTADY

Summer 2018

Responsible for developing interactive and interesting lesson plans and curriculum for 8 week summer STEM program.

CAMPUS INVOLVEMENT

ALUMNI & PHILANTHROPY CHAIR, THETA DELTA CHI

August 2017-June 2018

Organized and directed philanthropy events such as; sock drive for Things of My Very Own, fundraiser for Homeward Bound Dog Rescue, and head shaving for St. Baldricks foundation. Coordinated reception for Alums and created and curated newsletters.

WEBSITE AND SOCIAL MEDIA MANAGER, ECOS

September 2016-April 2017

Managed social media and website posts for local environmental group ECOS.