Alexander Soto

dynamicmetaflow.github.io

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EDUCATION

NORTHEASTERN UNIVERSITY

MS In Computer Science
Expected May 2021 | Boston, MA

SALEM STATE UNIVERSITY

BS In Political Science
May 2010 | Salem, MA
Cum. GPA: 3.5

LINKS

GitHub://**DynamicMetaFlow**

COURSEWORK

GRADUATE

Intensive Foundations of Computer Science
Discrete and Data Structures

SKILLS

PROGRAMMING

• C • Java • Python • Racket

EXPERIENCE

MARGARITA MUÑIZ ACADEMY | TECHNOLOGY TEACHER

Sep 2016 - Aug 2018 | Boston, MA

- Created a curriculum that exposes students to various areas of computer science: p5.js, Arduino, Raspberry Pi, computer-aided design, 3D printing, robotics and web development.
- Teaught Computer Science and provided instructions to students using a dual language model.
- Prepared lessons according to the understanding level of students and created opportunities for students to explore.
- Provide technical support to staff and students.

UNITED WAY OF MASSACHUSETTS NORTH SHORE AMERICORPS MEMBER

Aug 2015 - Aug 2016 | Boston, MA

- Provide tutoring, mentoring and family support services to help reduce the school dropout rate among immigrant students in Lynn Vocational Technical Institute
- Work in a team environment with 12+ people in different schools and agencies to provide a net service model to the immigrant population in Lynn.
- Community outreach to parents and provide updates on student's progress and school events.
- Started ELL afterschool program to assist ELL students in core-subject areas and teaching students computer programming using Racket and Scratch.
- Participate and mentor students in Robotics club.

RESILIENT CODERS | MENTOR

Nov 2015 - Nov 2016 | Boston, MA

- Provide mentoring to high-school students from traditionally under-served communities and teach the fundamentals of computational thinking and programming.
- Involved in developing and implementing a curriculum with Executive Director to use in the after-school program.

JUSTICE AT WORK | VOLUNTEER

Sep 2014 - Aug 2015 | Boston, MA

- Involved in technological project, using worker's smartphones for retrieval of timesheet data.
- Maintain and extend SalesForce database.
- Generate reports from SalesForce database.
- Assisted Executive Director on day to day support.
- Assist in major events in coordination and setup.

NEIGHBOR TO NEIGHBOR | VOLUNTEER

Sep 2014 - Sep 2015 | Boston, MA

- Develop and distributed educational materials to use for workshops and outreach.
- Participated and assisted in workshops and outreach for the community at large.
- Worked with the Martha Coakley Campaign and promoted ballot Question 4 - Earned Sick Time.
- Participated in a team environment working with several unions, allies and members of the community.
- Assisted in canvassing to get out the vote on primary and midterm election.
- Coordinated and assisted with public demonstrations and actions.

CENTRO PRESENTE | Worker rights organizer
April 2011 - January 2012 | Boston, MA

- Negotiate with employers to resolve worker labor disputes while managing multiple cases of labor rights abuses with MA Attorney General's office and other partners.
- Manage high-profile grassroots workers' rights campaigns, in coordination with workers and the Executive Director.
- Coordinate weekly worker in-take sessions both in group and individually as needed.
- Develop and coordinate education workshops to improve the leadership capacities of immigrant workers.
- Facilitated an Immigrant Workers Rights Committee and Conduct weekly home visits and outreach activities.