

Maribel Cardiel

+1 (505) 452-7287 | mcardiel@stanford.edu

Education

Stanford University, Palo Alto, CA

Expected Graduated: June 2020

B.S.: Computer Science with concentration in Computer Engineering | Minor: Education | GPA 3.2

- Courses in programming methodology in Java, programming abstraction in C++, computer organizations and systems in C, mathematical foundations in computing in C++, and vector calculus in Matlab

South Valley Academy High School, Albuquerque, NM | GPA 4.3

Graduated 2016

Awards and Recognitions

- Gates Millennium Scholar (2016)
- Leland Scholars Program (2016)
- Leadership Enterprise for a Diverse America Scholar and Fellow (2015&2017)

Experience

Lawrence Livermore National Laboratory, Livermore, CA

Summer 2018

Computation Intern

- Built and configured High Performance Computing Clusters for the use of complex calculations, data storage and graphical user interfaces in Linux.
- Developed python scripts that manage the power modes of virtual machines as part of a larger software program called Livmomi, modeled after Pymomi.

El Centro Chicano y Latino, Palo Alto, CA.

October 2016 – Spring 2018

Frosh Liaison; Marketing Coordinator

- Coordinated 20 yearly events that aim to increase Latinx issue awareness for Stanford students, staff, and faculty.
- Designed and distributed fliers, programs, brochures in Photoshop for events, and services for the Stanford Latinx community.

Inclusion Internship, New York, NY

Summer 2017

Assistant Director

- Coordinated trips and events to 10+ tech companies in NYC for course 30+ participants.
- Marketed the non-profit and obtain \$180K in sponsorship money for upcoming classes.

University of New Mexico – Computer Science Learning Experience, Albuquerque, NM

Research Intern – Dr. Forrest Lab

Summer 2016

- Created a script in python that recognized reverts in repositories and returned the lifespan of the commit before it was reverted.

Bosque Ecosystem Monitoring Program, Valle de Oro, Albuquerque, NM

Spring 2013 – Spring 2016

President/Founding Member

- Collected data on ecosystem growth through pit fall traps, liter tub collections, water well measurements, and rain gauge measurements.
- Programmed Galileo board in Arduino to collect and record temperature, humidity, wind speed and wind direction for wild life refuge analytics.

Senior Action Project, Albuquerque, NM

October 2015 – Present

Lead Coordinator/ Education Advocate

- Addressed the issue of education inequality at South Valley Academy by designing a curriculum, a proposal, and a petition for to start of an AP program at the school.
- Collaborated with the school to create three successful Advanced Placement classes, English Literature, Biology, and Art Studio.

Extracurricular Activities & Interests

Hermanos de Stanford, *Vice President*

- Mentoring under resourced Latinx community in Palo Alto
- Fundraising for a scholarship awarded to undocumented high school graduates ranging \$500-\$1000

Robotics

- Competed in the NM MESA(2015&2016) and Robo Rave International(2016) robotics competitions. Placed in the top 10 out of 120 teams for the creation of a prosthetic, robotic arm in the MESA Competition.

Salseros de Stanford

- Participate in learning salsa choreography and performing internationally

Mentoring

- Mentored and tutored high school seniors aspiring to attend Stanford University and high school juniors aspiring to participate in Leadership Enterprise for a Diverse America