

# Sidney M. Velado

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Seeking a technical summer internship in the field of Mechanical Engineering

## EDUCATION

### CARNEGIE MELLON UNIVERSITY

SECOND YEAR

BACHELOR OF SCIENCE IN  
MECHANICAL ENGINEERING  
2015 | Present

### CHESHIRE ACADEMY

HIGH SCHOOL DIPLOMA

First Honors, Effort Honors

AP Scholar Award

2014 | 2015

GPA: 3.72 / 4.0

## COURSEWORK

- Physics II for Engineering Students
- Fundamentals of Programming and Computer Science
- Stress Analysis
- Thermodynamics
- Fluid Mechanics
- Gadgetry: Sensors, Actuators, and Processors

## SKILLS

- Spanish - Fluent | French - Elementary
- Arduino Experience
- CAD: Solidworks

## PROGRAMMING

PROFICIENT:

- Python
- Arduino C/C++

ELEMENTARY

- HTML 5 | CSS 3

## EXPERIENCE

### ECE TECH ELECTRONICS ASSISTANT | CARNEGIE MELLON

UNIVERSITY ECE DEPARTMENT

Sept 2015 – 2016 | Pittsburgh, PA

- Assist in providing various parts from Carnegie Mellon ECE Department's stock for students
- Entered faculty and staff mail data to manage and distribute mail

### US EMBASSY POLITICAL/ECONOMIC SECTION INTERN

US DEPARTMENT OF STATE

July 2015 – Aug 2015 | San Jose, CR

- Researched Costa Rican government structure and current political parties and political atmosphere to write reports for the orientation of the transitioning ambassador
- Collaborated with the 5 person Political Section to map and profile current Costa Rican political leaders in order to assist the new ambassador's transition into the Costa Rican political sphere
- Translated and drafted documents for the Ambassador to use as personal notes and documents used as regional office materials.

### US EMBASSY ENVIRONMENTAL HUB SUMMER INTERN

US DEPARTMENT OF STATE

June 2015 – July 2015 | San Jose, CR

- Managed the Environmental Hub's Facebook page
- Researched multiple NGOs and other environmental organizations with common interests to expand our social network
- Networked with many different NGOs to exchange information about scholarships, grants, and other opportunities

### US EMBASSY CONSULAR SECTION SUMMER INTERN

US DEPARTMENT OF STATE

June 2013 – Aug 2013 and June 2014 – Aug 2014 | San Jose, CR

- Facilitated US Citizens interactions with staff and processes to renew passport and use other Consular services
- Coordinated projects with a team of 7 employees to manage cases for American Citizen Services
- Managed up to 8 telephone lines answering general queries as well as re-directing specific cases to specific

## LEADERSHIP AND EXTRACURRICULARS

- 2015 Society of Professional Hispanic Engineers
- 2015 Phi Delta Theta PA Rho Social Chair
- 2015 Carnegie Mellon Club Lacrosse Vice President