



# Juan Castaneda

## Controls Engineer

### CONTACT

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🔗 <https://zety.com/profile/juan-castaneda>

🔗 <https://github.com/crogar>

### EDUCATION

#### Data Analyst

The Johns Hopkins University  
Certificate  
Baltimore, MD | 2021

#### Mechatronics Engineer

Autonomous University of Baja California  
Tecate, BC. Mex. | 2013- 2017

### CERTIFICATIONS

#### Python and Django Full Stack

##### Developer - Udemy

Udemy | 2021  
Credential ID :  
ARrnXRdR6hNvOI2EW3vPGRDttgkV

##### Advance Your Skills in Python

Linkedin | 2021  
Credential ID :

### PROFILE

Controls Engineer with a demonstrated history of working in the automation industry. Skilled in PLC Allen Bradley, Programming (Object-Oriented Programming, Scripting), and Engineering. Highly adaptable engineer with a Bachelors of Engineering - BE focused in Mechatronics, Programming, and Automation Engineering from UABC and graduated from a boot camp in Data Analytics at Johns Hopkins University

### EXPERIENCE

#### Controls Engineer

Honeywell | 4510 Buckeystown Pike, Frederick MD 21704 | October 2018- January 2021

- Responsible for commissioning complex sorters in the material handling industry.
- In charge of performing pertinent modifications to routines and programs presents in base code.
- Responsible for optimizing processes utilizing Scripting languages such as VBA and Python
- Responsible for observing data and determining possible ways to optimize processes in the design and implementation of sortation systems.
- Responsible for creating tools to improve the methodology and reducing the human-error while designing and creating new projects.
- Participant in company's engineering process reviews to accomplish continuous improvements for current established processes.
- Responsible for leading a team of control engineers to effectively commission sortation systems.

#### Engineering Assistant

Arroyo Holdings de Mexico | Tecate B.C Mex | 2017 - 2017

- - Responsible for conducting engineering process measurements of production for manufacturing lanes balance;
- - In charge of performing pertinent modifications to the architectural plans of the facilities;
- - Responsible for observing manufacturing processes and obtaining

information to create, revise and update Standard Work Sheets for Engineering documentation and study;

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## Advanced Python

Linkedin | 2021

Credential ID :

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## Six Sigma Green Belt DFSS

### Software

Honeywell | 2019

## AWARDS

### September 2017

Academic Merit (i.e., "Dean's List")  
for years 2013-2017 in Mechatronic  
Engineering – UABC, Tecate,  
Mexico.

### March 2011

Achievement Recognition by the  
Committee of the Mexican  
Mathematical Olympiad.

## LANGUAGES

English | Fluent  
Spanish | Fluent  
Hebrew | Basic

## INTERESTS

Chess, Botanical Gardens, Hiking,  
Travel, Movies, Reading, Running,  
Biking

## FAVORITE BOOKS

- The Tao-Ching
- Algorithms to Live By
- The old man and the sea
- Steppenwolf
- The sun also rises

- - Responsible Participant in company's engineering process reviews to accomplish continuous improvements for the established processes; Responsible for identifying improvements in manufacturing lanes process times to reduce production costs.  
During this period of employment I worked as an engineering intern, collaborating in several assigned projects. On one such project, I was able to improve a process which resulted in significant monetary savings to the company.

## SKILLS

Machine Learning	Python	C#
Web Scraping	Standard web technology	Rest
Graphic Design	Software Development	Bootstrap
Web development	Django REST Framework	VBA Excel
HTML5	MongoDB	Git
Linux	Databases	MySQL
JQuery	Javascript	PLC
AllenBradley	Data Analysis	Numpy
SQL	Algorithms	Flask
Analytical skills	Ladder Logic programming	Studio5000
RsLogix		

## Personal Characteristics

- Focused Commitment to continuing professional education that enhances my ability to efficiently perform assigned professional engineering tasks;
- Proven capacity for adapting to a new work environment;
- High commitment to the success of work teams, with proven ability to foster a shared, productive sense of accomplishment within the work team;
- Experienced at, and willing & able to travel;
- Extensive hobby interest in & experience at programming;
- Prolific reader with diverse professional & literary interest