

# SALVADOR VILLALON

Portfolio: [salvillalon45.github.io](https://salvillalon45.github.io) | Github: [/salvillalon45](https://github.com/salvillalon45) | LinkedIn: [/salvillalon45](https://www.linkedin.com/in/salvillalon45) | 760.335.8201 | [salvav1@uci.edu](mailto:salvav1@uci.edu) | Irvine, CA

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## EDUCATION

University of California, Irvine (UCI) – B.S. in Computer Science

Expected June 2020

## SKILLS

**Programming Languages:** Python, C++, Java, PHP

**Frameworks & Web:** HTML5, CSS, Bootstrap, Flask

**Databases:** MySQL

**Tools/Technologies:** Git/GitHub, Eclipse, Atom, Visual Studio, Docker, Postman, Command Terminal, Google App Engine

**Spoken Languages:** Spanish (Fluent)

## EXPERIENCE

S&P Dow Jones Indices | New York, NY

June 2018 – August 2018

### Software Development Intern

- Leveraged fluency in Spanish to collaborate with Mexico City office to create a RESTful client using Java and Spring Framework that consumes the services from the Box RESTful API
- Programmed a Java class to represent any errors from the Box API call. Code was submitted to codebase and sent to production after the end of my internship
- Tasked with creating an example web application implemented using Flask, deployed using Google App Engine, and tested by running inside a Docker Container. Link: <http://spgi2018-container-project.appspot.com/>
- Created a 3-part tutorial for company employees and freeCodeCamp Medium subscribers on how to create web applications using Flask and how to deploy them using Google App Engine on internal company blog and Medium. Link: <http://bit.ly/salvador-tutorial>
- Used Natural Language Processing methods such as Tf-Idf, Text Summarizing, Word Ranking on company blogs made by company analysts by using Python and Open Source libraries: Gensim, NLTK, TextBlob
- Designed a mockup to update the Campus Recruiting Student Resources website. Link: <http://bit.ly/mockup-campus>

UCI Administrative Intern Program (AIP) | Irvine, CA

September 2017 – January 2018

### AIP Web Developer

- Designed and developed a web application for students to apply for the Administrative Intern Program.
- Built the Administrative Tools that allows Supervisor and Coordinators to access and review Student Applications
- Link: <http://studentlife.uci.edu/adminintern/>

## PROJECTS & HACKATHONS

Personal Project – **Personal Website** | World Wide Web

December 2017 – Present

- Personal Website Version 1 - Link: <http://salvador-villalon.appspot.com/>
- Personal Website Version 2 - Link: <https://salvillalon45.github.io/>

Hackathon – **JP Morgan Chase & Co: Code For Good** | Chicago, IL

October 2018

- Received 2<sup>nd</sup> place winner out of 16 competing teams
- Collaborated and became Lead Front-End Developer in a group of 6 to help a Non-Profit organization solve their parent translation and student enrollment problem, visualize student progress, and provide extra homework practice for students by creating a web application in 24 hours

## PROFESSIONAL DEVELOPMENT & VOLUNTEER EXPERIENCE

Management Leadership for Tomorrow – MLT | Washington, DC

June 2017 – Present

### Program Fellow

- Selected as one of 350 applicants for an 18-month professional development program for high-achieving diverse talent
- Complete business case studies and intensive assignments to hone analytical, quantitative and communication skills
- Participate in four conferences hosted by industry leaders, such as Deloitte, Google, Goldman Sachs, Procter & Gamble and Target

Society of Hispanic Professional Engineers at UCI | Irvine, CA

**President** June 2018 – Present

**External Vice President** June 2017 – June 2018

**Secretary** June 2016 – June 2017