

# Salvador Villalon

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

## EDUCATION

University of California, Irvine | Donald Bren School of Information and Computer Science  
Bachelor of Science, Computer Science

Irvine, CA  
June 2020

## SKILLS & LANGUAGES

**Programming:** Java, Python, JavaScript, Groovy, C++  
**Frameworks & Web:** HTML, CSS, React, Ajax, Bootstrap, Flask, Spring Boot, Spock  
**Databases:** MySQL, JDBC, MongoDB

**Tools:** Git/GitHub/Bitbucket, Grizzly/Jersey, NLTK, Elasticsearch, Gradle, Docker, Google App Engine, IntelliJ, DataGrip, WebStorm  
**Spoken Languages:** Spanish (Fluent)

## RELEVANT EXPERIENCE

Vusar | Irvine, CA

October 2019 – Present

### Software Engineer Intern

- Collaborate with Lead Software Engineer in the development of Vusar's Dashboard Web Application that allows users to interact with their uploaded objects, create projects, and share projects with other users
- Developed new features and fixed bugs in Vusar's Dashboard Web Application using React, Material UI, Webpack, Firebase, third party APIs, and internal Vusar APIs
- Built the website more responsive so it can be viewed on mobile devices by using viewport
- Implement "Project" features in Vusar's Dashboard Application which allows users to manage projects with other users
- Analyze mockups created by UI/UX Engineering team to implement and develop efficient and intuitive UI interfaces.
- Coordinate with CPO and CTO in Sprint planning to enhance Vusar's Website and Dashboard Web Application

JPMorgan Chase & Co (JPMC) | Chicago, IL

June 2019 – August 2019

### Software Engineer Intern

- Built and deployed a full-stack web application with a team of interns using React, Groovy, and Spring Boot to remove a manual process for updating client customer configurations
- Led the design and implementation of the web application's backend and built its communication using Rest Templates with the frontend and internal JPMC APIs
- Developed a process to mount the React frontend to run inside a Spring Boot application for JPMC server environments
- Researched and integrated JPMC's internal OAuth into the web application to authenticate and authorize application users
- Created unit tests for backend functionalities using Spock and Groovy

S&P Dow Jones Indices (SPDJI) | New York, NY

June 2018 – August 2018

### Software Development Intern

- Designed functionality that allows users to remove documents on internal tool by building a RESTful Java client that connects to third party vendor API to accomplish task
- Leveraged fluency in Spanish to collaborate with SPDJI Mexico City office to create RESTful client
- Researched and developed a web application using Flask, deployed using Google App Engine, and ran inside a Docker Container. Link: <http://spgi2018-container-project.appspot.com/>
- Created a tutorial for company employees and freeCodeCamp Medium subscribers on how to create a web application using Flask and deploy it using Google App Engine. Link: <http://bit.ly/salvador-tutorial>
- Implemented Natural Language Processing methods such as Tf-Idf, Text Summarizing, Word Ranking on company blogs by using Python and Open Source libraries: Gensim, NLTK, TextBlob

UCI Administrative Intern Program (AIP) | Irvine, CA

September 2017 – January 2018

### Web Developer Intern

- 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
- Technologies used for both applications: HTML, CSS, PHP, MySQL. Link: <https://studentlife.uci.edu/adminintern>

## PROJECTS

Hackathon – JPMorgan Chase & Co: Code for Good | Chicago, IL

October 2018

- Received **2<sup>nd</sup> place winner out of 16** competing teams
- Led the project's frontend development by creating a web application using HTML, CSS, Bootstrap, and Django for the Chinese Mutual Aid Association to solve their student enrollment problem and visualize student progress. Link: <http://bit.ly/CodeForGood-Team15>