

Salvador Villalon

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EDUCATION

University of California, Irvine (UCI) | Donald Bren School of Information and Computer Science Irvine, CA
Bachelor of Science, Computer Science Expected Graduation: June 2020

Codecademy | Build Websites from Scratch Irvine, CA
Web Development Fundamentals Certification September 2017

SKILLS & LANGUAGES

Programming: Python, C++, Java, PHP

Frameworks & Web: HTML, CSS, Bootstrap, Flask

Databases: MySQL

Tools: Atom, Git, WordPress, Eclipse, Visual Studio, GitHub,
Google App Engine, Postman, Docker

Design: Adobe Illustrator, MailChimp, Canva

Spoken Languages: Spanish (Fluent)

RELEVANT EXPERIENCE

S&P Dow Jones Indices (S&P DJI) | New York, NY June 2018 – August 2018

Software Development Intern

- Tasked with creating a web application where I implemented it using Flask, deployed it using Google App Engine, and tested by running it inside a Docker Container. Link: <http://spgi2018-container-project.appspot.com/>
- Leveraged my 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. Also, I created a Java class to represent any errors from the Box API call. My code was submitted to codebase and sent to production in the next two months
- Created a 3-part tutorial 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. Used Python and Open Source libraries: Gensim, NLTK, TextBlob
- Made a website showcasing all my summer internship experience. Link: <http://bit.ly/legacy-S2018>
- Created a mockup to update the Campus Recruiting Student Resources website. Link: <http://bit.ly/mockup-campus>

UCI Administrative Intern Program (AIP) | Irvine, CA

AIP Web Developer

September 2017 – January 2018

- Designed and developed a web application for students to submit an application for the Administrative Intern Program.
- Built the Administrative Tools that allows Supervisor and Coordinators to access and review Student Applications
- Technologies: HTML, CSS, PHP, MySQL, Bootstrap. Link: <http://studentlife.uci.edu/adminintern/>

PROJECTS

Personal Project – Salvador Villalon Personal Website | Irvine, CA December 2017 – Present

- Personal Website Version 1 - Link: <http://salvador-villalon.appspot.com/>
- Personal Website Version 2 - Link: <https://salvillalon45.github.io/>. Technologies: HTML, CSS, Git, Google App Engine, Flask

Personal Project – Pokedex | New York, NY

June 2018 – July 2018

- A SMS app that allows users to text the name of a Pokémon to a phone number. The user receives a description and picture of the Pokémon. Technologies: HTML, CSS, Bootstrap, Git, Google App Engine, Flask, Twilio. Link: <http://twilio-pokedex.appspot.com/>

LEADERSHIP & DEVELOPMENT EXPERIENCE

MLT – Management Leadership for Tomorrow | 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 (SHPE-UCI) | Irvine, CA

June 2017 – June 2018

External Vice President

- Co-led the creation of SHPE-UCI's first Tech Committee in charge of creating software tools to recruit and retain members
- Collaborated with 10 board members to cultivate an environment for personal growth and professional development for members
- Maintained company relations and wrote corporate proposals for sponsorship, funding, and event speakers
- Organized professional development opportunities for members, including information sessions, industry panels, and alumni mixers
- Coordinated the Professional Committee, a committee aimed to professionally develop SHPE-UCI members