

Experience

- **SkyTouch Technology**
Software Engineer
Mexico City
October 2018 – Present
 - Contributed to sign a new deal for approximately \$70k by developing the interface of TravelClick iHotelier.
 - Helped +1,110 hotels to generate simple receipts for both guests, and non-room guests for sundry purchases, by developing the QuickShop project for the Hotel OS in **Java**.
 - Improved the onboarding process by documenting, mentoring and encouraging team members to mentor new candidates for Software Engineer positions.
- **Lending Club**
Java Developer
Mexico City
December 2017 – October 2018
 - Integrated the Borrower mobile application with the backend services, by developing the API Gateway and migrating to microservices architecture.
 - Developed the RESTful API for Investor project using **Java**.
- **Tom Sawyer Software**
Product Development Engineer
Mexico City
July 2016 – December 2017
 - Decreased startup time of the data visualization product by 40%, by creating a new classpath scanning mechanism using **Java and Spring**.
 - Redesigned the build system and DevOps infrastructure, by migrating the Ant-based build to Maven.
 - Contributed to the strategic upgrade of Tom Sawyer Perspectives 8.0, by assembling the Systems Engineering and Business Process modules into one Data visualization product.
- **LegoSoft**
Java Liferay Developer
Mexico City
May 2015 – June 2016
 - Consolidated the use of Vaadin and Liferay in the company, by executing technical proposal presentations for potential clients, and mentoring team members in these technologies.
 - Led the development of a social portal using Liferay and Vaadin, in a team of 3 developers and 2 analysts.
 - Developed the CRM system for the project UNIFIN insurance company, in a team of 3 developers.

Education

- **Instituto Politécnico Nacional**
B.E. Computer Systems Engineering (Grade 8.78 / 10)
Mexico City
August 2010 - February 2015
 - Thesis: A Software Testing methodology based on Functionality and Performance Metrics.
- **Czech Technical University in Prague**
International Exchange Program
Czech Republic
January 2013 - July 2013
 - Attended lectures as Exchange Student in the Faculty of Information Technology. In this semester I attended to Web 2.0, Latex, Node.js, Signals and Systems and Economics lectures.
- **Instituto Politécnico Nacional CECyT 9**
Computer Technician
Mexico City
January 2013 - July 2013

Leadership and Awards

- **International Exchange Program**
January 2013 - July 2013
 - I was awarded a scholarship among the 10 best students over approximately 250 at my University to study abroad, at the Faculty of Information Technology FIT-CTU in Prague.
- **Exchange Students Group**
August 2015 – December 2015
 - Member of the Exchange Students Group at my university, helping students through the process to pursue a scholarship to study abroad, and giving talks about my experience in the Czech Republic.

- **Course: “Oratory, the art of public speaking”**

January 2014 – March 2014

- Attended classes of Public speaking, speech planning, and body language techniques.
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Core Technical Skills

- **Languages:** Java, Clojure, C, C++, \LaTeX , Python, Shell Script, SQL, TypeScript.
 - **Technical skills and frameworks:** Git, JUnit, AssertJ, Spring, Docker, RabbitMQ, Maven, TypeScript, Jenkins, Vaadin, Liferay, Agile (Scrum, Kanban).
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Interests and skills

- **Spanish**, mother tongue. Fluent in **English** (TOEFL iBT 87). Basic **French** proficiency (A2 CEFR).
- Inclined to never say I can't.
- Self-motivated and passionate about learning and growing intellectually. Always searching for challenges.
- Interested in Mathematics, Algorithms, Quantum Computing, Geostrategy and Aviation.