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Paris, France

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Language Skills
Spanish ★★★★★
French ★★★★★
English ★★★★★
German ★★★☆☆
Portuguese ★★★★★
Chinese ★☆☆☆☆

IT Skills
Python ★★★☆☆
Pandas ★★★☆☆
Jupyter ★★★☆☆
ETL ★★★☆☆
Django ★★★☆☆
APIs ★★★☆☆
OAuth ★★★☆☆
Tableau ★★☆☆☆
JavaScript ★★☆☆☆
Docker ★★☆☆☆
AngularJS ★★☆☆☆
Saltstack ★★☆☆☆
LXC ★★☆☆☆
HTML5/CSS3 ★★☆☆☆
Java ★★☆☆☆
Prolog ★★☆☆☆
C/C++ ★☆☆☆☆

Databases
MongoDB ★★★☆☆
PostgreSQL ★★★☆☆
MySQL ★★☆☆☆

Numerical Computing
Matlab ★★★☆☆
Scilab ★★☆☆☆

Networks
Cisco CCNA1 ★★★☆☆
Cisco CCNA3 ★★★☆☆

Operating Systems
GNU/Linux ★★★☆☆
MacOS ★★★☆☆
Windows ★★☆☆☆

Diego Mora Cespedes
Data Engineer (https://thetravelinghacker.io)

Professional Experience

05/2016 - Present · **Chauffeur Privé - Paris, France** · *Data Engineer*
Uber's French main competitor

- Used Python and the Pandas package to extract and analyze data from MongoDB and PostgreSQL databases in order to give strategic insights to the entire company.
- Contributed to the design and implementation of our Data Lake, mainly using our internal ETL tools and Foreign Data Wrappers.
- Created dashboards using Tableau, managed our Tableau online server and user accounts.
- Designed and built the synchronization tool between the Data Lake and the Emarsys CRM. Developed and open-sourced pymarsys, a synchronous and asynchronous Python client for the Emarsys API.

09/2015 - 03/2016 · **TechGrind - Bangkok, Thailand** · *Software Engineering Internship*
Incubator & Venture Capital

- Built single-page websites using sTeam and AngularJS, often pair-programming remotely using Wemux.
- Administrated GNU/Linux servers using Salt, Proxmox and Linux containers.
- Worked in a startup environment, attending events and meeting entrepreneurs weekly.
- Received mentorship from the top entrepreneurs of Southeast Asia, constantly improving my entrepreneurship and soft skills.

03/2015 - 09/2015 · **engageSPARK - Cebu, Philippines** · *Software Engineering Internship*
Voice IVR and SMS Text campaigns made EASY

- Designed and built engageSPARK's credit card processing system - including anti-fraud mechanisms - from scratch.
- Added/improved features for engageSPARK's platform, such as scheduled tasks, missed calls and voice recording.
- Worked on the early stages of engageSPARK's public REST API.
- Received comprehensive mentorship from senior full stack developers, helping mesignificantly increase my Python/Django, Javascript, GNU/Linux, and Git skills.

09/2013 - 02/2014 · **Spheris Digital Ltd. - Beijing, China** · *Software Engineering Internship*
Pix-Star Wireless Connected Digital Picture Frame

- Administrated the MySQL database and helped with customer service: 40000+ frames.
- Implemented/improved external provider's APIs (Google+, Facebook, Flickr, OneDrive, Dropbox) for photo imports using Python and Django in a GNU/Linux environment.
- Translated Pix-Star's website from English to French and Spanish and coordinated the German translation.
- Added upload statistics and status for user accounts.

Education

09/2012 - 03/2016 **Master's Degree** University of Technology of Belfort-Montbéliard – Belfort, France
Computer Science department. Specialization in Image Processing, Computer Vision and Virtual Reality.

09/2014 - 02/2015 **Erasmus Exchange Semester** Hochschule für Technik und Wirtschaft – Berlin, Germany
International Media Computer Science department. Master's degree.

09/2010 - 06/2012 **Classes Préparatoires aux Grandes Écoles** Lycée Jacques Amyot – Auxerre, France
2-year preparatory course for the entrance examinations to the top French engineering schools. Mathematics, Physics, Engineering and Languages.

About me

Multicultural background. Have lived in Bolivia, Spain, France, China, Germany, Philip- pines and Thailand. Culturally sensitive and open-minded. Excellent language skills (fluent in Spanish, French and English). Certified Scuba Diver (SDI). Adore teaching, learning and team-building. Passionate about traveling, science, programming and geek culture. Can solve the Rubik's cube in under two minutes.

http://detours.utbm.fr/2015/03/25/diego-mora-cespedes-coeur-nomade-digital