



Jose Eduardo Castro Castro

Software Engineer

CONTACT AND PERSONAL INFO

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Birthdate: August 23rd, 1989

Citizenship: Mexican

EDUCATION

+ Computer Engineering

/ 2009 - 2014

Faculty of Mathematics, Autonomous
University of Yucatan (UADY).

LANGUAGES

Spanish - Native

English- Complete Professional
competence

CERTIFICATIONS

+ Oracle Certified Associate Java 8 / 2018

<https://shorturl.at/tlVW3>

PRESENTATIONS

+ Deploying neural networks on Android app / Oct 2018

Real time object recognition app developed using Tensorflow, Python and Android SDK. This app was presented at Ksquare Tech Talks and Universidad Autonoma de Yucatan

+ Intro to Native Android development / May 2017

Course taught and mentored at Plenumsoft to internship trainees which covered topics like Fragments, REST consumption, third party libraries like Google maps, etc.

+ Intro to Programming / Feb 2017

Introduction course of Algorithms and data structures implemented in Python for a group of trainees at Plenumsoft

SKILLS

- | **Java** - OOP, Collections Framework, Stream API, Lambdas, JVM performance analysis (JFR, heap dumps, jrockit), JUnit
- | **Python** - Data Structures, OOP, Data Analysis and ML (Numpy, Pandas, SkLearn)
- | **Spring Boot** - RESTful, Hibernate, OAuth2, JSF, Maven
- | **Django** - MVC, HTML templating, ORM
- | **Linux** - Shell Scripting, Terminal commands for network, file and system management, Cron Jobs
- | **SQL** - Oracle DB (sqlplus, sql Developer, PL/SQL), PostgreSQL (geo queries for routing systems with PostGIS)
- | **ElasticSearch** - Data ingesting with LogStash, Visualizations with Kibana, Index creation and management, Text searching
- | **Docker** - Image and container management, volumes, networking, Dockerfile, multicontainer applications with Docker compose
- | **HTML/CSS** - web layout, responsive UI with Bootstrap and media queries, browser debugging
- | **Javascript** - Ajax calls, DOM manipulation, form validations
- | **Git** - Experienced in the most common tasks involved in multi-collaboration workflow repositories
- | **AWS** - Docker container deployment and management to EC2 instances, Object storage with S3
- | **Jenkins** - Experienced working with projects delivered by Jenkins Pipeline, monitoring job results, troubleshoot build issues by analyzing job output and pipeline configuration
- | **Android** - Native development with Java, activity and fragment based views, REST consumption, sensor reading, third party libs (OAuth, G Maps, Tensorflow, etc.)

EXPERIENCE

- **Oracle Mexico** / Sep 2019 - Current
Software Engineer
Development with Java, Python, Oracle DB, ElasticSearch and Bash scripting on large-scale cloud environments that host a SaaS product widely consumed by enterprise clients around the world
- **IBM Mexico** / June 2019 - Aug 2019
Java Developer
Backend development with Java/Spring MVC and Frontend with React. Worked delivering features and bug fixes for a REST API and updating the frontend in the banking sector.
- **Macy's** / October 2018 - May 2019
Java Developer
Backend development with Java and Spring MVC Framework in a REST API to manage the inventory of the store.
- **Ksquare Labs** / Apr 2018 - Oct 2018
Java Developer
Backend with Java, Spring Framework and maven as well as Desktop Apps development with Java/Swing UI Framework.
- **PlenumSoft** / Oct 2015 - Apr 2018
Software Engineer
Research and implementation of algorithms in Python and Java such as routing with geo data in PostgreSQL and data analysis. Also worked in Android native apps from end to end.
- **Touchtastic** / March 2015 - Oct 2015
Android Developer
Design and development of Android native applications from design to deployment stage