

Labouardy. Mohamed

SOFTWARE ENGINEER

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"What you do today can improve all your tomorrows."

Education

University of Bordeaux

Bordeaux, France

MS. IN SOFTWARE ENGINEERING

Aug. 2014 - Aug. 2016 (Expected)

- Advanced OOP, System Design, Agile project management, MEAN Stack, JEE, Functional programming (OCAML, Scala).

Mohamed V University

Rabat, Morocco

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Aug. 2013 - Aug. 2014

- Algorithms, data structures, complexity analysis, compiler, OOP, networking, OS, C, Java, databases, computer architecture, UML.

Experience

Capgemini

Bordeaux, France

SOFTWARE ENGINEER INTERN

Apr. 2016 - PRESENT

- Developed front-end and back-end of CCVRP's web service.
- Implemented Nao Robot facial and speech recognition with Windows IoT Core, Raspberry Pi 3 and Kinect.
- Mentored and trained a group of 7 Software Engineers on Docker.

Capgemini

Bordeaux, France

SOFTWARE ENGINEER INTERN

Jun. 2015 - Aug. 2015

- Developed features and components for CCVRP's corporate website, to serve fast pages to more than 2 million unique visitors per year.
- Being part of first team in France to run Docker in production.
- Developed Spring and Android app at the Innovation Department of Capgemini.
- Supplied troubleshooting, analysis, and solutions for clients.

CNESTEN (National Center for Energy Sciences and Nuclear Techniques)

Rabat, Morocco

SOFTWARE ENGINEER INTERN

Feb. 2014 - Jul. 2014

- Developed cross-platform application to help researchers in solving complex atom equations using Monte Carlo method.
- Plotted graphs in 3D with Matlab Java API.

Projects

DockerSwarm UI

Web UI to manage DockerSwarm cluster, +50K pull on Docker Hub.

Dockerboard

Web UI to manage Docker containers/images and private registries, +100K pull on Docker Hub.

PAM QRCode Module

PAM Module to authenticate to your Linux/Solaris Machine using QRCode.

Open Source Projects

Contribution to Netflix Hystrix, Docker Swarm, Docker Registry, Angucomplete.

Arabic Radio

Android application, over 11K+ downloads on the Play Store with 4.7 rating.

Cay

API to automate testing cycle of Android apps based on Google Cloud Messaging.

LsTopo

Utility to make diagrams of systems CPU/cache/memory organization.

Daily Quotes

Android application, over 1500+ daily active users, available on the Play Store with 4.3 rating.

Docker Registry

Google Chrome extension for interacting with Docker Registry.

Skills

Programming

Java, C, Bash, Spring Boot/Cloud, Android.

Web Development

JavaScript (AngularJS, JQuery), MEAN Stack, HTML5/CSS, PHP, SQL, CMS (Wordpress, Drupal).

DevOps

Docker, ELK Stack, Jenkins, Artifactory, Nexus, Git/SVN.

Databases

MySQL, MongoDB, PostgreSQL, H2.

Languages

English, French, Arabic.