carl-philipp harmant

software engineer

about

Chicago, Illinois
USA

+1 (312) 834 1637

cp.harmant@gmail.com
in / carlphilipp
 / carlphilipp

languages

english (fluent)
french (native)

programming

♥ Java
♥ Android
JavaScript, SQL
HTML5 & CSS3

frameworks

Spring, Hibernate
Camel, RxJava

tools

Maven, Gradle & Ant
Git & SVN

databases

Oracle, MySQL
MongoDB

servers

Tomcat, Karaf
Apache, JBoss

os

Linux, OSX
Windows

personal synopsis

Currently working as a software engineer, I am interested in exploring new challenges. I am passionate about developing, configuring and testing software. My preferred programming language is Java, however I am open to learning about or utilizing any programming language. In my free time, I enjoy working on my Android application "Chicago Commutes", a Chicago public transit tracker, as well as publishing some of my source code on GitHub. I'm also a member of the Chicago Java User group.

experience

2015–Now **Software Engineer** Peapod Propulsion Labs   Chicago, Illinois, Unites States
Member of the Web Center team, in charge of developing and maintaining five public websites. Some of my daily responsibilities include:
- Ecommerce platform
- OAuth2
- OAuth2
- OAuth2
- OAuth2
- OAuth2
- OAuth2
- OAuth2
- OAuth2
- Integration of our platform with 3rd party partners.
- Part of the whole Scrum process: sprints, daily stand up, collaboration, reviews...
- Main technologies used : Java, Spring, Camel, OSGi.

2012–2015 **Software Consultant** Pros   Chicago, Illinois, Unites States
I was part of the Professional Services team providing expertise to customers related to the Configure/Price/Quote (CPQ) solutions and more specifically involved in the following activities:
- Integrating Pros CPQ solutions in the IT landscape by using web services.
- Interfacing Pros CPQ solutions for data loading purposes.
- Development of additional Java EE plugins to fit specific customer needs.
- Designing the User Interface (HTML based xml files, CSS, Javascript).
- Java-based macrolanguage developing and use of built-in configuration tools.
- Responsible for deploying in our Cloud environment.
- Issue management/resolution in a SaaS environment.
- Main technologies used : Java, JavaScript, HTML, CSS, Salesforce.com (Apex, Force.com), Oracle, JBoss, JSON, XML, SOAP.

2011 **Java EE Developer** Fujitsu Technology Solutions   Luxembourg City, Luxembourg
Arquillian is a tool, made by JBoss, which allows developers to test the components of their application in a container:
- Made a solution to improve the way to use Arquillian.
- Improved the company test process by the creation of a Maven plugin which generates an Arquillian test class.
- Automated search of dependencies needed for the archive deployed on the server.
- Utilized Maven, JUnit, EJBs, Cobertura, and many other tools and frameworks.

personnal projects

2014–2016	**Be My Chef** RESTful API	

Be My Chef RESTful API
Java-based RESTful API with JSON output.
Technology used : Java, Maven, Spring, Jackson, JSON, JUnit, Mockito, Stripe, Mandrill, GeoJSON, Quartz, Findbugs, Cobertura, PMD, Checkstyle, MongoDB, Tomcat, JIRA, Git.

2014–2016 **Chicago Commutes** Android Application
Android application that helps commuting in Chicago. CTA (trains/buses) & Divvy (bikes).
Technology used : Android SDK, XML, JSON, Google APIs, RxJava, Realm.
Source: https://github.com/carlphilipp/chicago-commutes
Download: https://play.google.com/store/apps/details?id=fr.cph.chicago

2013–2016 **Stock Tracker** Website & Android Application
Website and Android application that helps following your stock performance.
Technology used: Java, Android SDK, JSON, Yahoo Query Language (YQL), JSP, JSTL, MyBatis, JUnit, Ant, Cobertura, PMD, Checkstyle, Quartz, JQuery, flotr2, Jasper, Dropbox API, JavaMail, MySQL, Tomcat.
Sources: https://github.com/carlphilipp/stock-tracker & https://github.com/carlphilipp/stock-tracker-android

2009–2012 **Management tool for Hyperiums.com** Website
Alliance management tool to help players gather and analyze data.
Technology used : Java, JSP, JSTL, JQuery, iBATIS, PHP, Wamp, MySQL, Tomcat, Apache.

education

2013 **Masters** of Software Engineering   Exia.Cesi, Nancy, France

2011 **Bachelors** of Software Engineering   Exia.Cesi, Nancy, France

certifications

2015 **MongoDB for Java Developers** MongoDB University

2013 **MongoDB for Node.js Developers** MongoDB University

2011 **OCJP : Oracle Certified Java SE 6 Programmer** Oracle

interests

In my spare time, I enjoy running, biking and playing basketball. I also enjoy reading about and working with new technology, both software and hardware products. I love to travel and explore foreign countries to experience different languages, lifestyles and cultures.