carl-philipp harmant
software engineer

about
Chicago, Illinois
USA

(312) 834 1637

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

languages
english
french

programming
♥ Java
♥ Android
JavaScript, SQL
HTML5 & CSS3

frameworks
Spring
Hibernate
Camel
RxJava

tools
Maven, Gradle & Ant
Git & SVN

databases
Oracle, MySQL
MongoDB

servers
Tomcat, 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.

experience

2015–Now   **Software Engineer** @ Peapod Propulsion Labs   Chicago, Illinois, Unites States
I am part of the Web Center team that develop and maintain five different websites. Part of my duties:
- WIP
- Stand up every morning.
- Fix issues and develop new features.
- Research new technology
- Blablabla
- Main technologies used : Java, Microservices, Spring, Camel

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 macrolangage 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, 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.

2010 **Analyst Programmer** @ Sailendra Nancy, France

Sailendra created a technology of user profiling. That technology creates a profile of each user and predicts their comportments based on their actions and artificial intelligence algorithms.

- Managed a project from initiation to implementation overseeing the planning, functional specifications, technical specifications, development and testing.
- Worked with the client to ascertain and identify their specific requirements.
- Automated search of dependencies needed for the archive deployed on the server.
- Created a Firefox plugin for Salendra technology and learnt new technologies like XUL, Spring, Zope/Plone, DTML or Python.

education

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

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

personnal projects

2014–2016 **Be My Chef** RESTful API
Java-based RESTful API with JSON output.
Technology used : Java, Maven, JAX-RS, Jersey, 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.
Source: https://github.com/carlphilipp/Stock

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.