

carl-philipp harmant

software engineer

about

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USA

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 / 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

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|-----------|--|----------------------------------|
| 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: | |
| | <ul style="list-style-type: none">• 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: | |
| | <ul style="list-style-type: none">• 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: | |
| | <ul style="list-style-type: none">• 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, flot2, 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.

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