

# carl-philipp harmant

software engineer

## about

Chicago, Illinois  
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  | <b>Software Engineer @ Peapod Propulsion Labs</b><br>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"><li>• WIP</li><li>• Stand up every morning.</li><li>• Fix issues and develop new features.</li><li>• Research new technology</li><li>• Blablabla</li><li>• Main technologies used : Java, Microservices, Spring, Camel</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Chicago, Illinois, Unites States |
| 2012–2015 | <b>Software Consultant @ Pros</b><br>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"><li>• Integrating Pros CPQ solutions in the IT landscape by using web services.</li><li>• Interfacing Pros CPQ solutions for data loading purposes.</li><li>• Development of additional Java EE plugins to fit specific customer needs.</li><li>• Designing the User Interface (HTML based xml files, CSS, Javascript).</li><li>• Java-based macrolangage developing and use of built-in configuration tools.</li><li>• Responsible for deploying in our Cloud environment.</li><li>• Issue management/resolution in a SaaS environment.</li><li>• Main technologies used : Java, JavaScript, HTML, CSS, Salesforce.com (Apex, Force.com), Oracle, JBoss, JSON, XML, SOAP.</li></ul> | Chicago, Illinois, Unites States |
| 2011      | <b>Java EE Developer @ Fujitsu Technology Solutions</b><br>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"><li>• Made a solution to improve the way to use Arquillian.</li><li>• Improved the company test process by the creation of a Maven plugin which generates an Arquillian test class.</li><li>• Automated search of dependencies needed for the archive deployed on the server.</li><li>• Utilized Maven, JUnit, EJBs, Cobertura, and many other tools and frameworks.</li></ul>                                                                                                                                                                                                                                                                                                                                                       | Luxembourg, Luxembourg           |

- 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, Drop-box API, JavaMail, MySQL, Tomcat.  
Source: <https://github.com/carlphilipp/stock-tracker>

## 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.