

# Carl-Phillipp Harmant

SOFTWARE ENGINEER

Chicago, Illinois

☎ 312-834-1637 | ✉ cp.harmant@gmail.com | 📱 carlphilipp | 🌐 carlphilipp | 📧 cpharmant

## 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 languages are Java and Kotlin, 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. Feel free to check out my latest blog post about Clean Architecture on [medium](#).

## experience

### Slalom · 1 yr 10 mos

Chicago, Illinois

SENIOR SOFTWARE ENGINEER

July 2017 - Present

As a Slalom Build member, I have worked for several customers in different industries: Health Care, Financial and Automotive. Part of my day to day duties are:

- Collaborating with solution owners, architects and other team members to build the best solution for the customer.
- Developing new features using the best standards in the industry, to produce a highly maintainable and scalable software.
- Verifying and validating features via unit testing and integration testing.
- Fixing defects and bugs.
- Mentoring and helping junior developers.
- Participating to all Agile ceremonies.

*Java, Spring Boot, Apache Camel, Dropwizard, JUnit, Gradle, Maven, Jenkins, AWS, Azure, PCF.*

### Peapod · 2 yrs

Chicago, Illinois

SENIOR SOFTWARE ENGINEER

Jan. 2017 - July 2017

SOFTWARE ENGINEER

Sep. 2015 - Jan. 2017

Member of the Web Center team, in charge of developing and maintaining several public websites. Some of my daily responsibilities include:

- Collaborating with product owners, business analysts and other team members in a cross-functional Agile environment to produce a content management system that is fully integrated with various loyalty, coupon, and user account systems.
- Developing a Spring MVC proxy application around our ESB to allow OAuth2 protected REST APIs to be used by our websites.
- Developing a modular REST-driven integration API using Apache Camel, Karaf, ActiveMQ and various other libraries.
- Designing and implementing new features using TDD (Test Driven Development).
- Verifying and validating features via unit testing, integration testing and automated acceptance testing (Serenity BDD).
- Participating in support rotation and troubleshooting production issues to ensure the continued operations of the business.
- Improving software quality, reusability, extensibility and consistency.

*Java, Spring, Apache Camel, OSGi, OAuth2, ActiveMQ, Karaf.*

### Pros · 3 yrs 8 mos

Chicago, Illinois

SOFTWARE CONSULTANT

Feb. 2012 - Sep. 2015

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.

*Java, JavaScript, HTML, CSS, Salesforce.com (Apex, Force.com), Oracle, JBoss, JSON, XML, SOAP.*

### Fujitsu Technology Solutions · 5 mos

Luxembourg City, Luxembourg

JAVA DEVELOPER

Apr. 2011 - Aug. 2011

- 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.
- Using the reflection API, automated search of dependencies needed for the archive deployed on the server.

*Maven, JUnit, EJBs, Cobertura.*

## education

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### Exia.Cesi

MASTERS OF SOFTWARE ENGINEERING

Nancy, France

2013

### Exia.Cesi

BACHELORS OF SOFTWARE ENGINEERING

Nancy, France

2011

## personnal projects

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### Chicago Commutes

 ANDROID APPLICATION

2014 - Present

Android application that helps commuting in Chicago. CTA (trains/buses) & Divvy (bikes).

*Technology used:* Kotlin, JSON, Google Maps APIs, Mapbox, RxJava, Redux, Realm.

Source code: <https://github.com/carlphilipp/chicago-commutes>

Download on Play Store: <https://play.google.com/store/apps/details?id=fr.cph.chicago>

Download on F-Droid: <https://f-droid.org/en/packages/fr.cph.chicago.foss>

### Cryptax

 WEBSITE

2018 - Present

Website that generates a report to help you declaring your gains in Crypto currency trading to the IRS. I mainly worked on the rest APIs.

*Technology used:* Kotlin, Google Cloud, Spring Boot, RxJava, Docker.

Website: <https://www.cryptax.app>

Source code: <https://github.com/cryptax-org>

### Be My Chef

 RESTFUL API

2014 - 2016

Java-based RESTful API with JSON output.

*Technology used :* Java, Maven, Spring Boot, Jackson, JSON, JUnit, Mockito, Stripe, Mandrill, GeoJSON, Quartz, Findbugs, Jacoco, PMD, MongoDB, JIRA, Git.

Source code: <https://github.com/carlphilipp/be-my-chef>

## skills

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**Programming** Java, Kotlin, Android,  $\LaTeX$ , JavaScript, SQL

**Frameworks** Spring, Dropwizard, Vert.x, RxJava, OSGi

**DevOps** Docker, AWS, Google Cloud

**Tools** Gradle, Maven, Git, JIRA, Bambo, GitHub

**Databases** Oracle, MySQL, MongoDB

**Operating System** GNU/Linux, OSX, Windows

**Languages** English, French

## certifications

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2015 **MongoDB for Java Developers**, MongoDB University

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

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