

# Gonalo Queiroga Prendi

## Curriculum Vitae

Lisbon, Portugal  
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✉ goncalo.prendi25@gmail.com  
Sex: Male  
Birthdate: 25/10/1992  
Nationality: Portuguese



### Experience

- 09/2015–Present **Software Engineer** *Feedzai*, Lisbon, Portugal  
*Context: Software development.*  
*Some technologies used: Java, SQL, JavaScript, HTML, CSS, PostgreSQL, ShellScript, Git.*
- 06/2015–08/2015 **Summer Intern** *Bica Studios*, Lisbon, Portugal  
*Context: Database architecture, data visualization and software development.*  
*Some technologies used: Node.js, JavaScript, HTML, CSS, SQL, Amazon Redshift, Git, Pentaho CE.*
- 09/2014–01/2015 **Graduate Teaching Assistant** *ISCTE-IUL*, Lisbon, Portugal  
*Context: Teaching assistant in the laboratory classes of the Computer Architecture Fundamentals course.*

### Education

- 09/2013–09/2015 **Master’s Degree in Computer Science — Information Systems and Knowledge Management Branch** *ISCTE-IUL*, Lisbon, Portugal  
Grade: 17  
Ingression excellence award  
  
Thesis: Use of statistical models to capture API usage patterns in software. These models will be used to produce code recommendations, through a code completion system, in order to help programmers using unknown APIs.
- 09/2010–07/2013 **Bachelor’s Degree in Computer Science** *ISCTE-IUL*, Lisbon, Portugal  
Grade: 16  
Excellence award
- 09/2007–07/2010 **Professional course in Computer Science and Management** *Escola Secundária de Gama Barros*, Cacém, Portugal  
Grade: 18  
Excellence award

### Skills

Languages Portuguese - Native  
English - Fluent  
Italian - Basic

Other Technical Skills **Programming languages:** Scala, C#.

**Libraries and frameworks:** Android, Guava, Jersey, Jetty, JSoup, Jackson, OSGi, JSwing, JSP, JUnit, JMockit, Mockito, JMH (Java), .NET (C#), Express (Node.js), jQuery, Backbone.js, Underscore.js, Require.js, dimple.js, d3.js (JavaScript), Bootstrap (CSS).

**Non-Relational Databases:** MongoDB, Cassandra.

**Operating Systems:** Debian-based distributions, CentOS and Microsoft Windows Server 2012.

**Other technologies:** Docker, Maven, Ant, IntelliJ, Eclipse.

Events organization Chairman in the IEEE ISCTE-IUL Student Branch.

and associations Speaker in a hardware workshop.

Member of the organization committee of multiple events:

- FISTA - Forum of ISCTE-IUL School of Technology and Architecture, 3 Editions (2012, 2014 and 2015).
- Google DevFest Portugal
- Lisbon Game Conference

Communication Skills Good communication skills with national and international public, developed by the professional experience.

Development of these skills through the organization of several events and projects in the IEEE ISCTE-IUL Student Branch.

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## Courses

- DS210: DataStax Enterprise Operations with Apache Cassandra.
- DS201: DataStax Enterprise Foundations of Apache Cassandra.
- Coursera - Functional Programming in Scala.

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## Publications

- Stepwise API Usage Assistance Using N-Gram Language Models, Journal of Systems and Software, 2016.
- Exploring APIs with N-gram Language Models, INForum - Informatics Symposium, 2015.

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## Miscellaneous

Website [goncaloprendi.me](http://goncaloprendi.me)

LinkedIn [linkedin.com/in/goncaloprendi](https://www.linkedin.com/in/goncaloprendi)

GitHub [github.com/prendi](https://github.com/prendi)