

Gonçalo Queiroga Prendi

Curriculum Vitae

Lisbon, Portugal
☎ +351 914182102
✉ 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#, 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 (JavaScript), Bootstrap (CSS).

Relational Database Management Systems: MySQL, SQLServer.

Non-Relational Database Management Systems: MongoDB, Cassandra.

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

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

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

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.

Courses

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

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.

Miscellaneous

Website goncaloprendi.me

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

GitHub github.com/prendi