Ricardo Costeira

Software Engineer

▬▬▬ Experience

2018–Present **Senior Software Development Engineer**, Symantec, Coimbra.
Working on Information Centric Tagging (ICT), a state-of-the-art data-centric information security solution, capable of data classification and with support for encryption. While I also develop for the base ICT product, I'm mainly focused on the ICTCore library, which, as the name suggests, is a library comprised of ICT's core functionalities regarding data classification. It is used not only by ICT, but by other Symantec products as well. My main contributions to the project revolve around caring for the code's architecture, ensuring that the code remains healthy, readable and easy to change (refactoring is your friend), feature implementation/maintenance and bug fixing.

2017–2018 **Mobile Software Engineer**, siosLIFE, Braga.
Lead mobile developer. Single-handedly built the iOS app with Swift, but (sadly) never had the time to rewrite their first Android app from scratch (and I'm also not that naive anymore). Brought their Android development to the Present by implementing dependency injection with Dagger, reactive programming with RxJava and using architectural patterns such as MVVM and MVP, along with Architecture Components - all of this while using Kotlin. Introduced myself to cross-platform development with React Native, and later started professional development in the same environment.

2013–2017 **Junior Software Engineer**, Watchful Software, Coimbra.
Worked on the RightsWATCH product. My first year was a curricular internship where I worked on my master thesis. Afterwards I worked on all product components, from server to client-side, but my main contributions were to the OWA plugin and mobile apps.

▬▬▬ Awards

2019 Awards for giving internal workshops on Reactive Programming and Dependency Injection.

2016 Performance award for my work on RightsWATCH's Android app.

2015 Performance Appraisal Award - "Exceeded Contributions".

▬▬▬ Skills

Advanced Android development (Java and Kotlin), iOS development (Swift), Dependency Injection, Reactive Programming, SQL, Realm Database, C/C++

Intermediate Design Patterns, SOLID, React Native, Javascript, Redux, Objective-C, C#, node.js, MongoDB, JUnit, Mockito, Espresso, Quick/Nimble, Jest, Enzyme, Agile, Git

Basic	MFC, OPENCV, PYTHON, RUBY ON RAILS, UML, Data Mining, Machine Learning, Heterogeneous Programming

Soft Skills

- Always eager to learn new concepts, ideas and technologies
- Pragmatic, aware of analysis paralysis and used to work under pressure
- Very critic and perfectionist towards my own work, which always leads me to pursue the best and most efficient solutions to the problems I must solve

Languages

Portuguese	Mothertongue
English	Advanced

Education

2012–2016	**MSc in Informatics Engineering**, *University of Minho*, Braga, Portugal.
Thesis	*Intelligent Data Leak Detection Through Behavioural Analysis*
Description	This thesis explored the possibility of detecting anomalies in user behaviour by modeling their common usage patterns. The detection is possible to some extent, but more work is needed in order to find more suitable algorithms.
2009–2012	**BSc in Informatics Engineering**, *University of Minho*, Braga, Portugal.

Interests

- Piano
- Gaming
- Music
- Life
- Fitness
- Anime
- Food