



Inês Afonso Ferreira Martins

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Porto, Portugal

Application Security Analyst @[Farfetch](#)

March 2021 - current

- As part of the AppSec **Auditing** team, I routinely audited Farfetch's portfolio and presented reports to internal and external stakeholders. Some of these audits included:
 - Android (Java and Kotlin), iOS (Swift) and React Native mobile applications;
 - Web applications built with a wide range of technologies: Java, .Net, Python, GraphQL, etc.;
 - Web 3 projects (reviewing Metamask Integration, revision of Solidity contracts, threat modeling, etc);
 - IoT projects such as connected mirrors and smart tags;
- As part of the AppSec **Architecture** team, I reviewed hundreds of architecture proposals, and worked with countless Engineering teams to advise them on architectural issues;
- As part of the AppSec **Engineering** team, I developed a Java library with common cryptographic operations, as well as other tools and scripts (mostly in Python) that helped the Auditing team to automate some of their tasks;
- In my role as an **Educator**, I taught workshops on "Insecure Deserialization" and produced dozens of documents that helped the development teams "shift left", as well as helping to standardize the auditing process on a number of technologies.

Security Researcher @[Char49](#)

November 2021 - current

As a freelance contributor, I've been asked to audit Android and web applications, submitted reports with the respective findings, and helped build a "Secure Coding Practices Guide" for Kotlin, in both written and audiovisual format.

Software Developer @[Pixelmatters](#)

September 2019 - February 2021

- iOS: Swift, UIKit, Apple Keychain, GraphQL
- Android: Kotlin, Java, Jetpack, KeyStore, GraphQL
- Web: Gatsby.js, React.js, JavaScript, CSS, Wordpress, Storybook

- DevOps & Automation: CircleCI, Vercel, Gradle, Github Actions, Chromatic

iOS Developer @[Adapttech](#)

November 2016 - September 2019

- iOS: Swift, CocoaTouch, Core Bluetooth (BLE), Objective-C
- JS: ECMA-15, ReactJS, AngularJS, HTML5, SCSS
- R&D: C++, OpenCV, and OpenGL
- DevOps & Automation: Azure

Front-End Developer @[Codeplace](#)

November 2015 - October 2016

- Javascript, AngularJS, jQuery, HTML5, CSS3, Gulp, NPM, Bower and Git

Account Manager @[BySide](#)

October 2014 - October 2015

Worked as a bridge between the client and Engineering. Responsibilities included project viability assessment, management and testing.

Marketing & Communication @[ANO](#)

March 2013 - September 2014

Worked closely with the Engineering Dpt. to develop communication strategies for the company's software products. Also developed Flash-based websites.

Journalist (Intern) @[Correio da Manhã](#)

October 2011 - December 2011

Worked in the Multimedia department for CM Online.

Journalist (Intern) @[Público](#) / [P3](#)

March 2011 - June 2011

Covered the Local and Arts section.

Education

Certified Ethical Hacker (CEH) @[EC-Council](#)

June 2020

Bachelor's Degree in Computer Engineering @[ISEP](#)

September 2015 - July 2019

Bachelor's Degree in Communication Science @[University of Porto](#)

September 2008 - June 2011

Talks

“Exploiting Deep Links in Android” @[OxOPOSEC](#)

October 2021