Miguel Vidal Funcia
Curriculum vitae

gender	male
birthday	02 / 04 / 1999 in León (Spain)
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Profile

Software developer with a passion for design and user experience. I strive to create apps with the best usability, while writing coherent, easy to maintain code. Always eager to learn new tools and technologies.

In my free time I like to explore other fields, such as Swift-iOS, web development with HUGO, or Compose Multiplatform.

Education

2019 – 2021 Technical Degree in Web App Development · ÁgorAstur (Linkia)

Work experience

10/2022 – 10/2023 **Android developer - researcher · AIR Institute**

Developed innovative Android apps in a small team.

Built UIs -in XML and Compose-, based on mock-ups from the design team. Aiming for the highest fidelity and best user experience.

Used libraries like Retrofit-OkHttp-Gson. And third-party SDKs such as Mapbox.

Worked with complex features that demand strict control of the app's state. Such as Bluetooth Low Energy.

Used *reflection* to access hidden classes of the Android SDK (such as Telephony). Exposing said functionalities in an intuitive way to the rest of the team.

02/2022 – 05/2022	**Software developer Entry · HP SCDS**

Training in Android SDK, Java and Spring Boot.

Learned concepts in object oriented programming.

Worked in a team with different knowledge levels: from junior to senior.

04/2021 – 07/2021	**Web developer · Fiebre**

Work in marketing and e-commerce oriented web apps. Javascript, Shopify and Wordpress.

Implemented a script to combine images in their online store (Shopify), thus reducing the future work of the designers. Documented the feature in English for the freelance webmaster.

Created their corporate landing page with CSS animations and a responsive video background.

Worked with an interactive SVG map generator and documented its behavior.

HTML for email: made embeddable signature cards for all members of the company.

Language skills

- Spanish (mother tongue).
- English: C2 level (through Cambridge Certificate).

Digital skills

Android SDK

- Good knowledge in Java and Kotlin.
- UI in XML-Views and Compose. I have worked in projects with both.
- Experience with common libraries such as Retrofit, Coil, Gson or Room.
- General knowledge in software design patterns. Have used MVVM pattern and *clean architecture* in production apps.
- Worked with Android's hidden APIs, using Java *reflection,* and by going through the source code of AOSP.

Web technologies

- HTML, CSS + Tailwind, JavaScript.
- Jekyll and HUGO (static sites generators).

General

- Basic Linux knowledge (commands, file system structure).
- SQL and relational databases.