



Riadh KARCHOUD

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Portfolio: <https://portfolio-riadhkarchoud.herokuapp.com/>

Scientific Publications:



Professional experience

IN Groupe, **Mobile Tech Lead**, (01/09/19– Now)

- Building innovative solutions around travel ([OneId](#)), digital identity ([INWallet](#)) and passports using technologies like: *Blockchain*, *BLE*, *MLKit*.
- Developing Proof of Concepts that demonstrate the needed use cases and provide the basis for a commercial deployment and use of our solutions.

BNP Paribas, **Software Engineer** (01/02/19 –01/09/19)

- Migrating from Angular 5 to 7, [eSelect](#) web application and building a companion mobile app used by real estate agents to manage market offers.
- Improving the UX by implementing *I18N* and user preferences and adapting the back-end (*Java*, *Spring MVC*, *Hibernate*), database (*Postgres*) and web services (*REST*) to handle the newly added features.

Vinci-Energies, **Mobile solutions Engineer** (15/01/18 –15/01/19)

- Developing the [CityZen](#) Android/iOS application which helps users find and pay for parking spots using real time data.
- Manage the coordination of the work with the other entities (companies) that develop the other instances of the solution (*Web*, *iOS*, *Hardware*). Write and validate the functional test scenarios for these entities (TDD).

UPV/EHU & LIUPPA, **R&D Engineer** (01/09/14 – 31/11/17)

- Guiding my thesis project by developing technical and scientific solutions to the problems encountered in the theme of context aware mobile smart-applications (*Java*). The prototype demo is available [here](#).

CRISAL & LIUPPA, **Mobile Developer** (01/03/14 – 01/10/14)

- Create a graphical editor (*web*) and a built-in java code generator as an Eclipse plugin to enable the modeling, generation and execution of distributed applications based on mobile software components.



Education

- **2017: [Phd in computer science]** Double diploma from both the University of Pau and Adour Counties (UPPA) and the University of Basque Countries (UPV).
- **2014: [Software engineering diploma]** National Institute of Applied Science and Technologies (INSAT).
- **2009: [Baccalaureate in Computer Science]** Said Bou Bakker High School.

📄 Languages

- Arabic : Mother tongue
- French: Bi lingual
- English: Certified 🏆 CAE/C1 (198/210)



Skills and tools

- Android, WearOS, iOS, Xamarin, React, Angular, Blockchain
- Kotlin, Java, C#, C++ , SWIFT, JS, TS, Solidity, Python
- MVC, MVVM, MVP, RxAndroid
- SQL, Postgres, Oracle, noSQL, Firebase, Room, SQLite, Realm
- SCRUM (Trello, Git, JIRA, Confluence, Slack, Jenkins).
- Mockito, Espresso, UI Automator, TDD, BDD
- Android Studio, Eclipse, VS Code, XCode, Maven, Graddle, Postman, Ganache, Metamask



References

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