

David Duarte

Computer Engineer at Flux IT
iOS SPECIALIST

La Plata - Argentina

flux IT

PROFILE

Software Engineer specialized in iOS development with experience in Fintech solutions. Passionate building apps with great performance, an effective and delightful user experience.

CONTACT

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CHALLENGES IN FLUX IT

***AI-based solution to make claim processes smarter - Insurance Services.**
Development based on **artificial intelligence** of a module to assist accident analysis in attention processes. The system detects a broken glass in reported cars. With the training of the neural network and the analysts' feedback, it makes it possible to make processes more efficient.
The module was developed with **IBM Watson Visual Recognition, Firebase, VueJS**.

***"Pixi", AR-based solution to make offices smarter**
Software Developer of an **augmented reality** application used to know contextual information of offices, such as availability of meeting rooms. The operation is simple: with any cell phone you enter an URL, scan a QR code, and

access the room information. The app in its first version was developed with **Python (Backend in Django), AweJS, VueJS, OAuth2, Google API (GCP)**.

WORK EXPERIENCE

Flux IT · iOS Mobile Developer

2017 - Present

I work in a team with 2 solution architects, a technical leader, user experience and user interface designers, and mobile, frontend and backend developers.
Functional/Technical Specialty: Swift, Javascript, Python.

PROJECTS

Tarjeta Naranja X Mobile Alianzas Module: Developing event-driven microservices with Node.js with future serverless implementation with AWS Lambda and SNS.
Technologies: NodeJS, AWS

Tarjeta Naranja X Mobile Alianzas Module: Create and maintain the pods to include third-party services in the application as SUBE card.
Technologies: Swift

Tarjeta Naranja X Mobile Archetype and Core Module: The tasks include designing and developing the archetype for the modular mobile application. It provides a scalable and parallel application development including the integration of monitoring, networking and feature tag solutions
Technologies: Swift

Galicia's check scanner: The project includes the development of a check scanner framework for Galicia's mobile application. It detects the shape of the check, cuts it and makes the keystone correction. After that, it verifies if it is a check or not with a model in Cloud AutoML
Technologies: Swift, Objective C, C++

AR Bill Scanner: Using the power of the Arkit library, the app detects an Argentinian bill and shows an augmented reality animation with facts about the bill and its history
Technologies: Swift

Galicia's mobile App: Creating a check scanner iOS framework for Galicia's mobile application using OpenCV library. It detects the shape of the check, cuts it and makes the keystone correction. After that, it verifies with a model in Cloud AutoML
Technologies: Swift

TECHNICAL KNOWLEDGE

Swift, Python, Javascript

EDUCATION

Universidad Nacional Arturo Jauretche
Information technology Engineer
2017

LANGUAGES

English: advanced
Spanish: native