

# Shai Leger Hernandez

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## EDUCATION

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**Bachelor's degree in Computer Science** August 2018 – April 2026  
National Autonomous University of Mexico (UNAM) Mexico City, Mexico

**Highschool Diploma** August 2015 – April 2018  
National Preparatory High School (ENP) Mexico City, Mexico

- Achieved first place in a programming competition that involved nine other national high schools (ENP)

## EXPERIENCE

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**Junior Mobile Developer** [ Kotlin, MVVM, Dagger Hilt, SQLite, Room, Retrofit ] July 2020 – June 2023  
Nanosystems - Grupo Armstrong Mexico City, Mexico

- Designed and developed an android application for the daily operation of cash-in-transit routes, replacing the previous licensed application, resulting in savings of approximately \$5,000 USD per month
- Streamlined the valuables reception process, enabling faster preparations and timely departures of custodians
- Implemented in-app navigation analytics, empowering managers to derive insights about route status and efficiency
- Developed a Blazor WASM-based PWA that allows clients to verify the active status of custodians, ensuring enhanced security during access grants

**Junior Mobile Developer** [ Kotlin, Java, Dagger 2, RxJava, Git, Kotlin, SQLite ] July 2018 – May 2022  
Nanosystems - Arca Continental Mexico City, Mexico

- Maintained and developed features for an android application facilitating the daily operation of approximately 2,000 beverage transportation routes servicing stores in Mexico, Ecuador, Argentina, and Peru
- Resolved urgent issues related to price calculations, ensuring uninterrupted operations of the routes
- Successfully modernized the outdated source code by migrating it to AndroidX and later and integrating Kotlin
- Integrated a proprietary SDK for refrigerator inventory management improving the speed of service
- Developed a functionality to dynamically load screen labels from a database, enabling seamless adaptation to idiomatic expressions for each country

## PROJECTS

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**Amoxlti** [ Kotlin, Hilt, Room, Camera2, Lottie, Sceneform ] May 2022 – June 2022  
National Autonomous University of Mexico (UNAM) Mexico City, Mexico

- Collaborated in the development of an AR android application for organizing treasure hunt events in libraries
- Led a team of four people, reviewing and approving pull requests
- Implemented AR functionality using SceneForm

## SKILLS

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- **Languages:** Kotlin, Java, C#, Python, Javascript
- **Frameworks & Libraries:** Android, Jetpack, Hilt, Room
- **Databases:** SQLite, SQLServer, MongoDB
- **Tooling/Software:** Docker, Git, Bash scripts, VS, VSCode, IntelliJ IDEA, Datagrip, Lottie, Blender
- **Deployment:** Firebase, Github Actions

## LANGUAGES / INTERESTS

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- **Language:** Spanish (native), English (intermediate-advanced), French (beginner)
- **Interests:** Jazz fusion/funk music, Korean thriller movies, karate, language learning

## CITIZENSHIPS

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I hold Mexican, Canadian, and French citizenship, granting me unrestricted ability to work in those countries. I am willing to relocate if the opportunity arises.