

# Carlo Angel Lujan Garcia

B.S. Computer Science & Technology

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🌐 Website (Outdated) 🔗 LinkedIn 🐙 GitHub

## 📁 WORK EXPERIENCE

### Meta (Instagram)

Software Engineer / Instagram Generalist

Oct 2024 – present | New York, USA

- Focus areas: **IG's backend**, **Multiplatform content sharing**, **IG Web**, **IG Mobile Web**.
- **Initial design, testing, deployment, maintenance.**
- Metrics: **DAU**, **MAU**, **user acquisition**, and **growth**.
- Stack: **Python**, **Hack**, and **many other internal technologies**
- **So far in 2025 (by June 1st):**
  - **Android DAU** increase: **6.56K±1.449K Daily**, **iOS DAU** increase: **2.691K±1.205K Daily**
  - **Two features** that have been **featured in major news portals**.

### Meta (Facebook)

Software Engineering Intern / Facebook App

Jun 2023 – Sep 2023 | Seattle, USA

- Created a new profile cover photo upload flow for the **Facebook app** using a **new internal technology**.
- **Ramped up in multiple new internal technologies in less than two weeks**, by reading code examples and internal docs.
- Created gatekeepers, passed Q&A requirements, implemented **A/B testing** for my new feature, and started an experiment with **6% of the total universe on Facebook for Android**.
- **Planned, designed and finished a MVP for a second internship project by myself** using a different software stack (**GraphQL**, **Relay**, **ReactJS**) with a **lexical** implementation for a new feature.

### Meta (Reality Labs)

Software Engineering Intern / XR Map Building Team

Jun 2022 – Sep 2022 | Menlo Park, USA

- **Reduced** the XR infra testing process time **by more than 80%** by designing and creating two new internal tools. Designed from scratch and included **UI + Back-end** connection.
- A tool displaying status data developed during the internship **is still used and referenced between some of the different XR Teams (2024)**. The tool displays status data in a simple and intuitive way.
- Developed using internal tools including **PHP Hack**, **GraphQL**, **React JS**, **Mercurial**, etc.

### Atrevi (Startup)

Software Developer / Front-end dev & Tech director

Jan 2022 – Jun 2022 | Zapopan, Mexico

- Developed a multiplatform production application (Play Store, App Store) from scratch using **React-native**, **Auth0**, **AWS Cognito**, **django**, and **docker** in a **team of 5 people**.
- Designed and followed a project plan using **Jira Software**, with **task assignment**, **sprint** management, **story points** assignment, **SCRUM** management, **story mapping**, **code reviews**, **GitHub** actions, and more. Also wrote our component documentation using **Confluence**, implementing **atomic design methodology & reusability**.

## 🔧 SKILLS

PHP Hack | Java | Python | C++ | C# | C | R | Android |  
Swift | Database design | SQL | GraphQL | Matlab | Git |  
Docker | Jira | Confluence | AWS | Javascript | React JS |  
Node JS | HTML | CSS | Digital & Analog Electronics | Assembler

## 🎓 EDUCATION

B.S. Computer Science and Technology | GPA 98.24/100

Tecnológico de Monterrey

Aug 2020 – Jun 2024 | Zapopan, Mexico

- **Linear Algebra** | **Advanced Calculus** | **DevOps** | **Data Structures** | **C++**, **Python**, **R**, **MATLAB**, **Ruby**, **C#**, **Java**, **ML**, **AI** | **Web & Mobile Development** (**React Native**, **Java**, **Swift**) | **Compilers**

B.S. Computer Science (7th semester) | GPA 4.81/5.0

Aalto University (Exchange program)

Aug 2023 – Dec 2023 | Espoo, Finland

- **Machine Learning D** | **WWW Services** | **Digital Health and Human Behavior** | **Web Software Development** | **Business Analysis**.

Software Development Technologist (Technical High School)

Centro de Enseñanza Tecnica Industrial (CETI colomos)

Aug 2016 – Jun 2020 | Guadalajara, Mexico

- **OOP** | **C#** and **C++** | **Android Studio** | **PIC**, **ATMEL**, **C** and **Arduino** courses | **ASP.NET** course | **Databases (SQL)** | **Web Programming (HTML, CSS, JS)** | **Analog & digital electronics**.

## 🧠 OTHER EXPERIENCE

### Junction Hack

Nov 2023 | Helsinki, Finland

- Developed a **mobile video game** as part of a 5-person international team (Italy, Belgium, Mexico) using tools such as **Unity**, **C#**, **Figma**, **Python**, and a **SensorTile Kit**, to solve the Huawei Sense the Motion Challenge, evaluated by **Huawei**.
- Implemented features such as **facial recognition** linked to mood updates, **movement replication using a gyroscope and accelerometer**, and more.

### Facebook FBU Internship

Jun 2021 – Aug 2021 | Menlo Park, Remote

- Developed 5 **Android applications** implementing **API** calls, **Databases**, **Notifications**, **Algorithms**, following coding standards and functional requirements.

### OSID (Open Source Insulin Dispenser)

Mar 2020 – May 2020

- Hand-made wireless (**Bluetooth+Radiofrequency**) glucometer with a **mobile application**, capable of **controlling and analyzing the insulin levels of a diabetic person**.
- Incorporated **Bluetooth**, **Android Studio**, **Electronics**, **PCB** incorporation, and **Arduino**. I was the lead programmer for the **Android Studio** App and developed some of the connections between the components (**Bluetooth & Radiofrequency**).

## 🏆 AWARDS

Tecnologico de Monterrey | **Highest Academic Honors CS Graduate**

Honorific Mention of Excellence

Tecnologico de Monterrey | **CS Generation Leader (Elected)**

Hack MTY | **1st place** | Banorte Bank track

We created an **AI-powered cross-platform app** with **voice sentiment analysis** for new user onboarding, cutting onboarding time by 56% and gathering 10x more metadata, including sentiment and risk insights.

Junction Hack | **4th place** | Huawei Track

Out of 240 projects and over 1,300 participants, we **ranked among the Top 5** and **secured 4th place in Huawei's track**.

Zien Ventures | **Finalist**

Winner of a pre-seed round investment of 5% on the "ZIEN ventures" incubation program for our rising startup "Atrevi".

## 🌐 LANGUAGES

English — Toefl iBT 101 • Spanish — Native