

Carlo Angel Lujan Garcia

Computer Science Graduate

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🌐 LinkedIn 🐙 GitHub

📁 PROFESSIONAL EXPERIENCE

Meta (Facebook)

SWE 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)

SWE 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 (2023)**. 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)

SWE Intern / 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**.

Google

Google SPS / "Pincident" Project

Mar 2021 – May 2021 | Mountain View, Remote

- Developed a **web application** to help people feel safe with a comment & review system about the places you visit.
- Utilized technologies such as **Google places, leaflet, Javascript** (With tools like **JSON, Ajax & JQuery**), and **designed and developed** the final visuals of the web page using **Figma, CSS, and HTML**.
- The app worked with a **fast and secure connection** with a **real-time database** using **Google SQL Cloud** and **Java Servlets**.

🛠 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, ATMELE, 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, USA

- 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)**

Junction Hack | 4th place

From among 240 projects, 1300+ participants, we ended up within the Top 5.

Zien Ventures | Finalist

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

Entrepreneurial talent scholarship | Semi-finalist

Entrepreneurial talent scholarship Bootcamp Semi-finalist at Tecnológico de Monterrey, with the OSID project, which was aid people diagnosed with type 1 diabetes using a glucose mobile system.

🌐 LANGUAGES

English — Toefl iBT 101 • Spanish — Native