# ALICIA CASTRO

## iOS Developer

@ aliciam.castroh@gmail.com   📞 55 7683 5828   ✉ Cuahutemoc 46, Col. Centro, 69000 Huajuapan de León   📍 Huajuapan de León, Oaxaca
in linkedin.com/in/aliciacastrohdez

## EXPERIENCE

### iOS Developer
**WeeCompany**

📅 May 2020 – Present          📍 Huajuapan de León, Oaxaca

- Design Interfaces
- Providing solutions and troubleshoot the issues of functionality and interface
- Presenting improvement proposals for the performance and optimization of apps
- Implementing RxSwift for REST Services data acquisition
- Integration Openpay v2.0.13
- Refactoring of the project and separation of functionalities by components and generic modules
- Repository management
- Publishing apps in App Center

### Web Developer
**Veureka S. A. de C. V.**

📅 November 2019 – February 2020    📍 Huajuapan de León, Oaxaca

- Providing solutions and troubleshoot the issues of functionality and interface
- Using CSS Properties
- Using AngularJS: Directives, Events, Forms

### iOS Developer
**Veureka S. A. de C. V.**

📅 October 2017 – February 2020    📍 Huajuapan de León, Oaxaca

- Design Interfaces
- Understanding of Apple design guidelines and Human Interface guidelines
- Using Frameworks: AVFoundation, UIKit, etc.
- Awareness of debugging and the general mobile landscape, architecture, trends, and emerging technologies
- Design and Implementing a Chat
- REST Services data acquisition with AlamoFire
- Implementing performance optimizations, such as asynchronous operations, threading, and background tasks
- Using RxSwift and others libraries
- Integration Openpay, MercadoPago, and Paypal SDK
- Integration OpenTok and Facebook SDK
- Implementing Firebase SDK: Authentication, Database, Storage and Google Play
- Implementing Push Notifications with Firebase Cloud Messaging
- Publishing apps in TestFlight and App Store

## STRENGTHS

Intermediate level of English

Ability to effectively communicate

Ability to work in teams

A positive disposition,

willingness to learn and resourcefulness

Responsable   Hard-working

Proactive   Eye for detail

Motivator & Leader

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Excellent debugging and

problem solving skills

Strong knowledge of Git from terminal

and graphical tools like GitKraken

Project management with JIRA and GitKraken

Scrum Methodology

Multitasking and asynchronous code

Azure DevOps   iOS SDKs

Cocoa Pods   MVC, VIPER   POO

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Swift 4   Firebase   C   Java

JavaScript   TypeScript   JS

Angular   HTML5   CSS   Xcode 12

VisualStudio 1.41.1

## EDUCATION

### B.S.E. Electronic Engineering
**Universidad Tecnológica de la Mixteca**

📅 August 2012 – July 2017

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### TECH. IT
**Colegio Nacional de Educación Profesional Técnica PL. 039**

📅 August 2009 – July 2012

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### English Course
**Facultad de Idiomas, Universidad Autónoma Benito Juárez de Oaxaca**

📅 August 2009 – July 2012

## Internship
**Universidad Tecnológica de la Mixteca**

📅 July 2017 – September 2017          📍 Huajuapan de León, Oaxaca

- Researching Tiva C Series TM4C1294 target
- Implementing Tiva C Modules
- Programming Tiva C with CodeComposerStudio8.1 in C
- Documentation for digital signals processing course

## R&D Embedded System Trainee
**Interlatin S. de R. L.**

📅 July 2016 – September 2016          📍 Tlaquepaque, Jalisco.

- Researching JTAG protocol
- JTAG device chip Architecture
- Standards: IEE 1149.1, IEE 1149.4, IEE 1149.6 and IEE 1532
- Hardware interface: Cables, connectors and speed.
- State machine (TAP FMS)
- ISP and Boundary Scan application
- Using and content of BSDL files
- Using and generation VSF files from .bit file
- IC Test and implementation process
- Using the MSO-X 3024 oscilloscope
- Testing of "JTAG firmware" and "JTAG IPcore

# REFEREES

**P. E. Christian Martinez Garcia**
**Product Manager**

@ cgarcia@weecompany.net

✉ WeeCompany

📞 722 254 0356

**P. E. Carlos Benavides**
**Manager**

@ carlos.benavides@societao.com

✉ Veureka S.A. de C. V.

📞 953 115 6883

**P. E. Jorge Villalobos Muñoz**
**iOS Product Owner**

@ jorge.r.villalobos.m@gmail.com

✉ Veureka S.A. de C. V.

📞 953 106 1087

**P. E. Juan Miguel Vargas Sanchez**
**Web Product Owner**

@ jmvarsan@gmail.com

✉ Veureka S.A. de C. V.

📞 953 106 1087