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EDUCATION

High School

Study period:

Universidad del Valle de Puebla

2007-2010

University

Career:

Study period:

Benemérita Universidad Autónoma de Puebla

Computer Science Engineering

2011-2017

MAJOR PROJECTS

Fun Fun

2016-2017

A mobile app where you can find nearest parties around you.

- It is a mobile application where users can find parties, organize event, and attend to them.

Paragraph

2016-2017

A mobile app that connect people who want to share their books without paying for one.

- It is a mobile application where users can find books from anywhere in the city, based on their location and their preferences to be able to exchange them, in a simple, friendly and effective way.

Speaking Glove

2014-2017

A IoT glove that translate from sign language to Spanish by a mobile application

- Speaking Glove is a technological tool, consisting of a glove and a mobile application that allows communication in people with motor and speech problems, such as dysarthria.

Mapping and topological localization using an unmanned aerial vehicle

2016-2017

Mapping and topological localization using an unmanned aerial vehicle

- Semantic mapping is an area of research in growth, this is considered essential in the new applications with autonomous vehicles, both aerial and terrestrial. The growing interest of the community in these areas is aimed at a more robust operation in unrestricted environments since most of the work has been carried out in controlled or supervised areas.

SKILLS

PROGRAMMING LANGUAGES

- Java
- Swift
- JavaScript
- PHP
- C/C++

TECHNOLOGIES

HTML, CSS, JQuery, Bootstrap, SQL, Git, Android SDK, iOS SDK, UML.

AWARDS

- 1st Place at FEPRO Advaced Hardware (2014) Puebla, Mexico.
- 1st Place at TuAPP Santander Category (2014) Santiago, Chile.
- 2nd place at Proyecto Multimedia Robotics Category (2014) Guadalajara, Mexico.
- 1st Place at FEPRO Internet of things (2015) Puebla, Mexico.
- 1st Place at Proyecto Multimedia Robotics Category (2015) Guadalajara, Mexico.
- 1st Place at FEPRO Mobile Application Development (2016) Puebla, Mexico.
- 1st Place at Creatón Mobile and Web Developmet Hackaton (2016) Puebla, Mexico.
- 3rd Place at Robotics Competition (2016) Puebla, Mexico.
- 2nd Place at TuAPP (2016) Aguascalientes, Mexico.
- 1st Place at Puebla App Innovation México (2017) Puebla, Mexico.
- 1st Place at Foreign Category EXPO RECERCA JOVE (2017) Barcelona, Spain.

WORK EXPERIENCE

BUAP_LOBOBICI

Puebla, Puebla

México

Software developer

2014-2015

- A loan bicycle system was developed and implemented.

Atombits

Puebla, Puebla

México

Android Mobile Application Developer

2015-2016

- *Android applications were developed for different type of clients, using only native technologies.*

BUAP-FCC

Puebla, Puebla

México

Android Mobile application instructor

2015

- A course was given in my university, about mobile android application development, from basic concepts to advanced features in Android.

BUAP

Puebla, Puebla

México

Mobile application developer

2015- 2016

- The official university mobile application was developed, for iOS and Android

Universidad de Cantabria
Santander, Cantabria

Spain

Assistant researcher and mobile application developer

2016

- Different technologies solutions were investigated using technology of radio frequency and proximity, and its different variants in the integration and migration to the mobile system.

Freelance

Puebla, Puebla

Mexico

Mobile Developer

2017-2018

- I started to work for with small companies helping them to develop their own apps, developing 14 mobile applications either in iOS and Android, throughout this process I learned different technologies and ways to develop fast, efficient and better apps.