

Roberto Barron - RESUME

EDUCATION: Bachelor's Degree in Computer Science.
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PROFESSIONAL PREPARATION HIGHLIGHTS

- **Web Development Tools.** JavaScript, Node, Brain.js, Backbone, Rendr, Angular, React, Vue 2, Underscore.js, Modernizr, Handlebars.js, smart.js, HTML5, CSS3, SASS, CodeIgniter, cakePHP.
 - **Bootstraps/Frameworks.** Flat UI, ZURB Foundation, Twitter Bootstrap, Google Web Starter Kit.
 - **Mobile Development.** Android SDK, Android Studio, SWIFT 3.
 - **Programming languages.** Java, MATLAB, C++, .NET and R.
 - **Databases.** MySQL, MongoDB and SQL server 2008.
 - **Source Control Provider.** GIT, SVN.
 - **Project/Issues Trackers.** JIRA, BugHerd, Pivotal Tracker, Trello, ZOHO, BugZilla.
 - **Other Tools.** Grunt, Webpack, Browserify, Yeoman, Bower, Kontagent, Kubernetes, Amazon web services, Jest, Jasmine.
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PUBLICATIONS

2011. Operation of the Phytosanitary Alert System of the State of Sonora. Regional Research Center of Northwestern Mexico. Technical Brochure # 42, ISBN: 978-607-425-567-6.

2010. Web page option with weather information in support of the agriculture in Sonora, Mexico. National research and innovation meetings of Agricultural Food and Forestry of Mexico. Report, pp. 422. ISBN: 978-607-425-380-1.

2010. Advances in the operation of a Phytosanitary Alert System of the State of Sonora. Mexican Soil Science Society, Proceedings extensive articles, 1054:1056. ISBN: 978-607-00-3557-9.

PROFESSIONAL EXPERIENCE

GBM AS TECHNICAL LEAD (09-28-2016 – CURRENT)

Financial applications such as Treasure, Homebroker and GBM Paperless

Tools: Vanilla Javascript, Angular 4, Vue 2, Node.js, Webpack, Grunt, SASS, CSS3, HTML5, GIT, Azure, AWS.

IBM AS A LEADER FRONT END ENGINEER (03-18-2015 – 09-24-2016)

Online Banking System (Front End)

Tools: Underscore, JavaScript, Dojo, Modernizr, ZURB Foundation 4, SASS, CSS3, HTML5, GRUNT, Webpack, GIT, Pivotal Tracker, BugHerd, RAD (Rational Application Manager), RTC, WebSphere, ALM.

SOJOSTUDIOS AS CONTRACTOR (10-15-2013 – 02-15-2014)

Widget environment development (Front End)

Tools: Backbone, Underscore, Javascript, jQuery, Modernizr, Bootstrap, SASS, CSS3, HTML5, Handlebars.

Corporate website and In-store table layouts (Front End)

Tools: Backbone, Underscore, Javascript, jQuery, Modernizr, Bootstrap, SASS, CSS3, HTML5, Handlebars.

Desc: Platform that builds tools that allow businesses to do real world good while building their brand.

EGOOD FULLTIME (10-15-2012 – 10-01-2013)

Platform Launch and maintenance (Front End Developer)

Tools: Node.js, Backbone, Underscore, Javascript, JQuery, Modernizr, Foundation, SASS, CSS3, HTML5.

Desc: Platform that connects Worthy Causes, Caring Communities, and Socially Concerned Companies looking to combine higher profits with a higher purpose.

WINNOL LLC AS CONTRACTOR (03-26-2012 TO 08-26-2012)

iHeart Radio Campaign (Front End)

Tools: CodeIgniter, PHP (Object Oriented), MySQL, CSS3, HTML, Javascript, JQuery, Underscore, Modernizr, Responsive Layout, Adaptive Layout, SASS.

Desc: Developed to register users for the iHeart Radio Contest and the Winnol early access.

Mobile App (Entire Development)

Tools: Android SDK, Java, XML.

Desc: App developed to reward users for watching ads during movies or tv series.

Beta Launch (Back End – Front End)

Tools: CodeIgniter, PHP (Object Oriented), MySQL, CSS3, HTML, Javascript, JQuery, Underscore, Responsive Layout, Adaptive Layout, JSON.

Desc: Developed to reward users for watching ads during movies or tv series.

Alpha Launch (Back End)

Tools: CodeIgniter, PHP, MySQL.

Desc: Web application to manage and log users points, purchases and ad views.

CESAVESON FULLTIME EMPLOYEE (JULY 2007 TO JANUARY 2012)

SIMGBN mobile app (Entire Development)

Tools: Android SDK, Java, XML.

Desc: Developed to input information about insect and plague propagation in agricultural fields.

SIMGBN website (Entire Development)

Tools: Cake PHP, PHP (Object Oriented), MySQL, CSS3, HTML, Javascript, JQuery, Responsive Layout, Adaptive Layout, Google Maps, Google Chart.

Desc: Developed to monitor insect and plague propagation in the state's agricultural fields.

SIMTRA website (Entire Development)

Tools: Cake PHP, PHP (Object Oriented), MySQL, CSS3, HTML, Javascript, JQuery, Responsive Layout, Adaptive Layout, Google Maps, Google Chart.

Desc: Developed to monitor insect propagation and forecast insect and plague behavior in the State's agricultural fields.

INOCUIDAD website (Back End)

Tools: .NET, CSS, Ajax, SQL, Javascript.

Desc: Website developed to control water pollution levels on agricultural field.

SIMDIA website (Entire Development)

Tools: Cake PHP, PHP (Object Oriented), MySQL, CSS3, HTML, Javascript, JQuery, Adaptive Layout, Google Maps, Google Chart Tools.

Desc: Website developed to forecast the behavior of plagues in the agricultural fields.

SIMDIA mobile app (Entire Development)

Tools: Android SDK, Java, XML.

Desc: Developed to input statistical information of different insects and plagues in the state's agricultural fields.

BITCOM website app (Back End)

Tools: Cake PHP, PHP (Object Oriented), MySQL, CSS3, HTML, JQuery.

Desc: Web application developed to monitor and manage fuel consumption and expenses.

CESAVESON website (Back End)

Tools: .NET, CSS, Ajax, SQL, Javascript, Google Maps

Desc: Portal developed to alert users about emergencies and news of the state's agricultural fields.

CONTRACTOR (MARCH 2009 TO DECEMBER 2011)

CIBNOR Weather Information System (Entire Development)

Tools: PHP (Object Oriented), MySQL, CSS, HTML, JQuery, Google Maps.

Desc: Web app developed to alert users about the state weather. Forecast the behavior of temperature and humidity through weather station data.

PROFYH (Entire Development)

Tools: Google Maps, PHP (Object Oriented), MySQL, CSS3, Javascript, JQuery.

Desc: Website developed to inform users about chemical news and regulations in state's agricultural fields.

SIAFESON (Front End – Back End)

Tools: Google Maps, PHP, MySQL, CSS3, HTML, Javascript, JQuery.

Desc: Portal developed to alert state's farmers about plague forecast, climate models and insects monitoring.

AGROSON (Entire Development)

Tech: Google Maps, PHP, MySQL, CSS3, HTML, Javascript, JQuery.

Desc: Site developed to alert farmers about critical weather condition. It send an SMS to farmers if the weather condition is critical for his fields.

SIAFESON DATABASE MANAGER (Entire Development and Manager)

Tools: MySQL, PHP, LAMP STACK.

Desc: Database containing all chemical information, insect monitoring data, plague forecasting behavior and climate models.