

**EDUCATION:** Bachelor's Degree in Computer Science.  
**LANGUAGES:** Spanish, English.  
**EMAIL:** mr.robertbarron@gmail.com  
**PORTFOLIO:** [www.robertobarron.com](http://www.robertobarron.com) / [robertbarron.github.io](https://robertbarron.github.io)  
**PHONE NUMBER:** +52 6441 430071

---

## PROFESSIONAL PREPARATION HIGHLIGHTS

- **Web Development.** JavaScript, Angular, React, Vue, Next, Gatsby, Node, Backbone, Knockout, SASS, Gulp, Grunt, Webpack, Browserify, GIT, serverless, postman, swagger and many more.
  - **Mobile Development.** Android Studio, SWIFT 3.
  - **Databases.** Red Shift, Glue, MySQL, MongoDB, DynamoDB and SQL server 2008.
  - **Project/Issues Trackers.** JIRA, BugHerd, VSTS, PivotalTracker, Trello, BugZilla.
  - **DevOps:** AWS Services, Azure, Docker, Kubernetes, Jenkins.
  - **Unit tests/e2e.** Jest, Jasmine, Enzyme, Cypress, Karma, Protractor.
- 

## 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 HEAD OF SOFTWARE ENGINEERING (09-28-2016 – CURRENT)

- **Projects:** BI, Kafka, Gbm.com, Homebroker, Homebroker pro, United Platform, Treasur-e.
  - **Tools:** Javascript, Angular 4, React, Vue 2, Node, NgRx, Redux, Saga, Jest, Sinon, Enzyme, Cypress, Webpack, Grunt, SASS, GIT, Docker, Kubernetes, AWS, Azure, CI/CD, Red shift, Glue, Apache Kafka.
- 

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

- **Projects:** Online Banking System, Bank insurance webapp.
  - **Tools:** JavaScript, Dojo, Modernizr, ZURB Foundation 4, SASS, HTML5, GRUNT, Webpack, GIT, Pivotal Tracker, BugHerd, RAD (Rational Application Manager), RTC, WebSphere, ALM.
- 

### SOJO STUDIOS AS LEADER FRONT END ENGINEER (10-15-2013 – 02-15-2014)

- **Projects:** widget environment development, corporate website, in-store table system.
  - **Tools:** Backbone, Javascript, jQuery, Modernizr, Bootstrap, SASS, HTML5, Handlebars, jasmine.
- 

### EGOOD AS FRONT END ENGINEER (10-15-2012 – 10-01-2013)

- **Projects:** Platform Launch and maintenance.
  - **Tools:** Node.js, Backbone, Javascript, Jasmine. JQuery, Modernizr, Foundation, SASS , HTML5.
- 

### WINNOL LLC (03-26-2012 TO 08-26-2012)

- **Projects:** iHeart Radio Campaign, Mobile App, Beta Launch, Alpha Launch.
  - **Tools:** CodeIgniter, PHP (Object Oriented), MySQL, CSS3, HTML, Javascript, JQuery, Underscore, Modernizr, Responsive Layout, Adaptive Layout, SASS, Android SDK.
- 

### CESAVESON (07-15-2007 TO 01-15-2012)

- **Projects:** SIMGBN mobile App, SIMGBN web app, SIMTRA webapp, Inocuidad webapp, SIMDIA webapp, SIMDIA mobile app, BITCOM webapp, CESAVESON website.
  - **Tools:** Cake PHP, PHP (Object Oriented), MySQL, CSS3, HTML, Javascript, JQuery, Responsive Layout, Adaptive Layout, Google Maps, Google Chart.
- 

### CONTRACTOR (03-15-2009 TO 12-31-2011)

- **Projects:** CIBNOR Weather Information System, PROFYH website, SIAFESON webapp, AGROSON webapp.
- **Tools:** PHP, MySQL, CSS, HTML, JQuery, Google Maps.