

# Larry Jake Martinez

Rosenberg, TX 77471 | 832-576-1782 | larryjakemartinez@gmail.com | <https://github.com/jaykeunit> | <https://jake-martinez.herokuapp.com/>

---

<b>Career Objective:</b>	To secure a position where I can maximize my knowledge and skills effectively for the growth of an organization and build my professional career.	
<b>Experience with:</b>	<b>Languages:</b> Java, C++, C#, JavaScript, Scala, Groovy  <b>Databases:</b> MySQL  <b>Tools:</b> IntelliJ, Microsoft Visual Studio Professional, ASP.NET, NetBeans, Eclipse, Komodo, JaCoCo, Junit, Spring MVC, Thymeleaf, Node.js, AngularJS, jQuery, Express.js, Karma, Grunt, MySQL Workbench, HTML5, CSS, UML, MVC design	
<b>Education:</b>	<b>BS in Computer Science   Software Design option</b> <b>Minor:</b> Mathematics University of Houston – Houston, Texas 2013 – May 2016 <b>Overall GPA: 3.148</b> <b>Computer Science GPA: 3.300</b>	<b>BS in Biology</b> <b>Minor:</b> Human Nutrition University of Houston – Houston, Texas 2009 – 2011 <b>GPA: 3.074</b>

---

## Projects *[more available on GitHub]*

- ✓ **Behaviorics | University of Houston/Behaviorics**
    - Read camera feeds directly from a multi-camera IP system
    - Generate alerts when the camera becomes non-functional
    - Add buildings, floors, floor plans, and cameras
  - ✓ **Public Works Webpage with Offline Capability | University of Houston**
    - Mockup of a web based work order form for the City of Houston Public Works Department
    - Webpage allowed work orders to be submitted to server or stored in the browser cache if no connection
    - Valid work orders are sent to a server and displayed on the console
    - Current geolocation is gathered with HTML5
    - Two-person team using HTML5, JavaScript, and AngularJS
    - Completely developed backend of website by using Test Driven Development
    - Testing tools used: Karma, Mocha, PhantomJS, Chai, and Angular-Mocks
    - Server was created with Express.js for Node.js web applications
  - ✓ **Bridge Simulator | University of Houston**
    - Traffic is simulated across a bridge that has a maximum weight capacity
    - Each vehicle is a separate CPU thread and accesses the bridge through semaphores
    - Used C++ on a Linux based operating system
- 

## Work Experience

**Access Health - User End Support Technical Analyst (MIS) | February 2014 – May 2015**

- Lead technician for dental software support for all locations
- Led project for upgrading x-ray software to Dexis imaging
- Resolved x-ray sensor and panoramic x-ray machine issues
- Set up new dental locations