Larry Jake Martinez

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Career Objective: To secure a position where I can maximize my knowledge and skills effectively for the growth of an organization and build my professional career.

Experience with:

Languages: Java, C++, C#, JavaScript, Scala, Groovy, MIPS Assembly

Databases: MySQL

Tools: IntelliJ, Microsoft Visual Studio Professional, NetBeans, Eclipse, JaCoCo, JUnit, TestNG, Node.js, AngularJS, jQuery, Express.js, Karma, Grunt, MySQL Workbench, ASP.NET, HTML5, CSS, UML, MVC design

Education:

BS in Computer Science | Software Design option	**BS in Biology**
Minor: Mathematics	**Minor:** Human Nutrition
University of Houston – Houston, Texas	University of Houston – Houston, Texas
2013 – May 2016	2009 – 2011
Overall GPA: 3.123	*GPA: 3.074*
Computer Science GPA: 3.263	

Projects *[more available on GitHub]*

- ✓ **Behaviorics (current project) |** *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
  - Worked closely with vendors