

# David I. Huerta

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## **Objective**

Excellent team player seeking position in a fast-growing tech organization.

## **Education**

**University of Houston**, Houston, TX

B.S., *magna cum laude*, Computer Engineering Technology, May 2016

Honors: First Place Project in Microprocessor Architecture; Dean's List for 8 semesters

Activities: Institute of Electrical and Electronics Engineering (IEEE); UH Robotics Team

## **Skills**

Programming Languages: T-SQL, C#, Java, C++, MATLAB

Markup/Publishing Languages: XML, JavaScript, HTML & CSS

Application Software: ASP.NET, SQL Server, Eclipse, Visual Studio, MATLAB, AutoCAD, MS Office

Operating Software: Unix/Linux, Windows

Native Languages: Spanish, English

## **Experience**

### **Work Abroad**

August 2017 – December 2019

- Acquired and sharpened interpersonal skills from being in culturally diverse environments

### **Gregg & Valby, LLP – Jr. Software Developer**

February 2016 – July 2017

- Served as full stack developer in large scale projects
- Conducted SQL Server and Visual Studio database analysis on a regular basis
- Developed precautionary measures on the front-end for users on the company website if it ever went offline
- Established a system to lock down users and restrict them from accessing specific information on the GUI
- Enhanced the company website's GUI using JavaScript, HTML & CSS

### **University of Houston – Lead Peer Advocate**

May 2014 – September 2015

- Led projects and distributed tasks and responsibilities to peer advocates
- Liaison for the College of Engineering & Technology and Exploratory Studies
- Advised university students on their different goals
- Assisted with presentations and class registration for new students, data entry, and phone calls

### **Kids Robotic Academy – Teacher Assistant**

June 2013 – September 2013

- Taught STEM to kids of ages three to thirteen
- Programmed LEGO Mindstorms and taught kids the basics of programming

### **University of Houston Biomedical Optics Laboratory – Research Assistant**

August 2012 – December 2012

- Helped perform weekly experiments to test the effects of certain drugs with animal tissue
- Imaged data obtained from the experiments onto MATLAB and analyzed it

## **Design Projects**

### **Phone Controlled Massaging Device**

- Developed an Android mobile application using Java through Android Studio
- Designed the structure and built the mechanics for the massaging device
- Used C++ to code the functions for the microcontroller

### **Alarm Clock Patch**

- Programmed the Arduino circuit to activate at a designated time using an Android application
- Designed the Arduino circuit to fit on a patch and attach to the user's body

### **Website Design**

- Built a personal blogging/photography website, used HTML & CSS

## **Personal Hobbies**

- Learning Russian and Chinese
- Experiencing new cultures, traveling internationally and rock climbing