

Sergio Rodriguez

www.sergdev.com • sergrodr92@gmail.com • (713) 446-1508 • Houston, TX

OBJECTIVE

Seeking a competitive internship or junior level role as a front-end developer.

EDUCATION

Bachelor of Science, Computer Engineering Technology *University of Houston – Houston, TX*

Coursework:	AC/DC Circuit Analysis	Digital Systems	Microprocessor Architecture
	Embedded Systems	Sensor Applications	Linear Systems Analysis
	Computer Networks	Advance Micro Networks	Data Communications
	Telecommunications	Information Systems Application Development	

SKILLS

Front-End Web Development: These are some of the tools and skills I've used in recent projects ranging from the things that I am most proficient in to some other concepts and tools that I've been exposed to or used lightly.

Proficient in:

- HTML/CSS
- JavaScript
- DOM manipulation
- Bootstrap
- jQuery
- Atom Editor
- Using API documentation
- Manipulating API data

Sound Experience:

- Responsive web design
- DOM manipulation
- Version Control using Github
- Git/PHP/Java/C
- Object Oriented principles
- Some Database exposure with MySQL and MySQLite
- FTP tools

Hardware: Experience using lab equipment such as Oscilloscopes, Function Generators, Multi-meters for simulating, building and debugging circuitry

Languages: Fluent English and Spanish

WORK EXPERIENCE

Miguel's Carpentry & Construction

Houston, TX

- Design, build and install interior carpentry 2012 - 2014
- Promoted to lead carpenter 2014 - Present
 - Interpret blueprints and schematics from clients and ensured labor is done accordingly
 - Estimate cost, time, and materials required for construction projects
 - Implement safety management initiatives to maintain accident-free workplace

AWARDS/RELEVANT PROJECTS

- **Placed 2nd in Microprocessor Architecture Team Project (group of 3)** 2013
 - Designed an Automatic Brewing Refrigerator, assisted in software development using C
- **Placed 3rd in Sensor Applications Team Project (group of 4)** 2013
 - Designed a Smart Cooling System, team leader, assisted with sensor interfacing.
- **Placed 3rd in Embedded Systems Team Project (group of 4)** 2014
 - Designed an Automatic Drink Dispenser with a LCD interface as the menu. Assisted with design, software, and hardware of the prototype.
- **Customer Relationship Management System (Individual)** 2015
 - Built a simple computer application in Java with multiple interfaces using Swing and SQLite for database communication to: Add/remove contact information, create appointments, show contacts history, and send e-mails to contacts.

Dean's List

Fall 2014, Spring 2015