

# MARTIN REYES

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## Education

The University of Houston Main Campus	BS Chemistry, Major	August 2012-May 2018
	BS Computer Science, Major	

## Experience

**C-STEM Teacher and Student Services, Inc** – *Curriculum Writer, IT*; Houston, Texas June 2015-July 2015

- Created a project-based curriculum centered around teaching programming and programming aspects such as functions and basic Object Oriented Programming principles for C-STEM Teacher and Student Services, Inc
- HTML and CSS; styled pages to present data in a professional environment

## Academic Projects and Achievements

**COSC 1320 (Banking GUI)** – *Class Project* Spring 2014

- Developed a GUI that simulated a banking system complete with withdrawing, depositing and money transferring
- Built GUI layout and applied buttons and listeners to appropriate methods

**COSC 2410 (Assembly Language Programming)** – *Class Project* Fall 2016

- Programmed recursive functions and implemented array sorting algorithms in MIPS Assembler and Runtime Simulator (MARS)

## Accomplishments

**C++** Summer 2016

- Utilized MSVC++ to recreate a portion of a game of Go Fish to practice the concept of the Model-View-Controller architectural pattern

**Python** Summer 2016

- coded a web-scraping script to download images to use later in another Java-based GUI project which presented information in a more organized manner, in contrast to clicking many different links and back-tracking on the site

**Coding Principles** Spring 2016 – Summer 2016

- Practiced knowledge in pointers, basic data structures, time complexities of sorting algorithms such as mergesort and quicksort, database relationships, opcoding, command-line and text file I/O in C++ and Java, and usage of regex expressions

## Activites

**Society of Hispanic Professional Engineers** – *Member (Fall 2016)*

- Serving as a tutor and participant in SHPE Jr. Committee, providing high school students a STEM-oriented learning environment

**CougarCS** – *Member (Fall 2014-Present)*

## Additional Information

**Computer Skills:** Java, C++, HTML, CSS, Computer Hardware, iOS, Netbeans, JCreator, Microsoft Visual Studio

**Certifications:** Microsoft Office Specialist Certification (2015), Bloomberg (in progress)

**Languages:** Fluent in English, basic knowledge in Spanish and German

**Interests:** Video Games, Soccer, Crafts, Baseball

**Work Eligibility:** Eligible to work in the U.S. with no restrictions