

Ryan Gonzalez

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Education

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | UNIVERSITY OF HOUSTON

SPRING 2018

MATHEMATICS MINOR

- **GPA:** 3.46
- **Academic Awards:** Dean's List: Fall 2014, Fall 2016

Skills

- **Programming Languages (Academic Use):** C++, Java, MIPS Assembly, R
- **Programming Languages (Currently Learning):** CSS, HTML, JavaScript, Python
- **Frameworks:** Bootstrap, Vue.js 1.0
- **Operating Systems:** Linux

Work Experience

SOFTWARE DEVELOPER INTERN | HCSS

JUNE 2017 – AUGUST 2017

- Created scripts using Ranorex that automated the installation of HeavyBid and tested its login, usability, and redirect features
- Utilized Vue.js 1.0 to add geolocation, reactive search filter, and data graph features to an existing internal website
- Imported moment.js, lodash.js, c3.js, mapbox.js, and leaflet.js libraries to the frontend, while using Microsoft entity framework for the backend with MySQL.

MAINTENANCE | MASJID AL SALAM

SUMMER 2015, SUMMER 2016

- Maintained the cleanliness of an environment to ensure everyone was satisfied while performing religious services

Projects

VIDEO RENTAL DATABASE | SQL

AUGUST 2017- CURRENT

- Currently working on creating a Database to store and manipulate data inside a video rental service using MongoDB.

NES Pi | PYTHON

JANUARY 2017 – MARCH 2017

- Used a Raspberry Pi 3 to install RetroPie and created a retro gaming system
- Wrote python scripts to safely shutdown the Raspberry Pi system to prevent SD card corruption

WEBSITE | JAVASCRIPT – HTML - Bootstrap

SEPTEMBER 2016 – DECEMBER 2016

- Building a website with an easy to use interface, displaying personal projects, goals, and skills
- Using bootstrap to allow users to view the website on any device

Organizations

- **CougarCS:** Active member who attends meetings, socials, resume and coding workshops

- **CodeRED:** Director of Communications for CodeRED Hackathon, responsible for all roles pertaining to social media/web, then switched to Director of Transportation which is responsible for handling parking and travel reimbursements