Ryan Gonzalez

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Education

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | UNIVERSITY OF HOUSTON   SPRING 2018

· **GPA:** 3.40

· **Academic Awards:** Dean's List: Fall 2014

Skills

· **Programming Languages (Academic Use):** C++, Java, MatLab, MIPS Assembly, R

· **Programming Languages & Platforms (Currently Learning):** Bootstrap, CSS, Git, HTML, Javascript, Node.js

· **Operating Systems:** Windows, Ubuntu Linux (Intermediate)

· **Software:** Eclipse IDE, Visual Studio IDE, Dev C++, MARS 4.5 (MIPS Simulator), Bash, Atom, Sublime

· **Microsoft Office:** Word, PowerPoint, Excel

· **Concepts:** Object-oriented programming (OOP), Sorting Algorithms, File I/O, Time Complexity, Structured Design, Project Managing

Projects

WEBSITE | JAVASCRIPT – HTML - Bootstrap   SEPTEMBER 2016 – CURRENT

· 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.

AUTOMATIC TELLER MACHINE | JAVA   APRIL – MAY 2016

· Worked with a group of 3 people to create a functional GUI for a simulation of a ATM system.

· Implemented graphic design, algorithms for deposits and withdrawal of funds, and used Card Layout to switch between menus/screens.

· Learned the importance of distribution of various duties between team members. Each member was given different tasks to implement.

DENSE MATRIX ADDITION | C++   AUGUST 2016

· C++ Program that can perform dense matrix addition using arrays or linked list data structures.

· Practiced exception handling in C++ and implemented execution of code through Linux command line.

· Takes two input files as arguments and parses them appropriately to add and store result in an output file.

Organizations

· **CougarCS:** Active member that assists with the Director of CodeRED Hackathon.

Experience

MAINTANENCE | MASJID AL SALAM   SUMMER 2015, SUMMER 2016

· Worked with a diverse group of people to build social relationships and gain work experience.

· Maintained the environment to ensure everyone was satisfied while performing public services.