Rodrigo Linares Araoz

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Experience

BUILT, XAMPP STACK APPLICATION – SUMMER 2017

Worked in a group to develop BUILT, a fitness application for users of different fitness levels. I was responsible for the functionality, using PHP and MySQL, for a user to build a personal workout routine. Other responsibilities included using HTML and CSS to help build the application's user interface.

DATA MANAGER, JAVA APPLICATION – SPRING 2016

Implemented a Java-based Data Managing system to compute students' grades. The system received different exam types (multiple-choice, true/false, etc.), would choose a grading criteria grade the exams accordingly, and would store the data corresponding to each student.

USER AUTHENTICATION SETUP, FULL MEAN STACK APPLICATION – WINTER 2017

Developed an authentication system, which would add users to a MongoDB database. The users would then be able to register and then sign back into their respective accounts. The project was to introduce me to the MEAN stack so I could approach other projects using similar technologies.

IMPLEMENTATION OF C COMPILER, OCAML APPLICATION – FALL 2016

Implemented a parser and interpreter to read basic C files, which contained simple operations (loops, conditionals, etc.) and printed the programs in a syntactically correct format. Then, the programs would be evaluated to print their output.

Education

UNIVERSITY OF MARYLAND, COLLEGE PARK – MAY 2018

B.S. in Computer Science & Minor in Mathematics, GPA: 3.24

MONTGOMERY COLLEGE – JULY 2017

A.A in Computer Science, GPA: 3.7

Skills

Coding: Java, C, Python, Swift, HTML, CSS, XAMPP Stack, MEAN Stack

Technologies: Git, MongoDB, MySQL, Firebase, Bootstrap

Other: Spanish bilingual, proficient in French

Recent Coursework

CMSC424: Database Design, CMSC389N: Intro to PHP and JavaScript, CMSC422: Intro to Machine Learning, CMSC436: Programming Handheld Systems