Rodrigo Linares Araoz

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Personal Website: rlinares240.github.io GitHub: github.com/rlinares240

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: 3.70

Skills

Coding: Java, C, Python, Swift, HTML, and CSS

Other Technologies: Git, MongoDB, MySQL,PostgreSQL, Firebase, Bootstrap, Angular 2, Node.JS and Express

Languages: Fluent in English and Spanish, proficient in French

Experience

BUILT, XAMPP STACK APPLICATION – SUMMER 2017

Worked in a team to develop an XAMPP-stack fitness application designed for persons of various fitness levels. I was responsible for the feature that allowed users to build a custom workout routine. The feature utilized MySQL and PHP to store and process the users' exercise selections for different days. Other responsibilities included using HTML, CSS, and Bootstrap to develop the user interface.

DATA MANAGER, JAVA APPLICATION – SPRING 2016

Implemented a Java-based Data Managing system to compute students' grades based on their exam scores. The exams included different question formats, which the system would score based on a user-provided exam key. Once grading was complete, the program stored the data corresponding to each student and could display different statistics based on the finalized data.

USER AUTHENTICATION SETUP, MEAN STACK APPLICATION – WINTER 2017

Developed a basic authentication system where users could register and access their profiles. This project served as an introduction to the different technologies and fundamentals of the MEAN stack. MongoDB was used to store user credentials and a Node.JS/Express server organized models and queried the database to authenticate users. Finally, Angular-CLI was used to develop the Services and Components of the application.

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. Once syntactically correct, the programs were executed and their results were displayed to stdout.

Relevant Coursework

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