

Hector Martinez

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Objective

Software Engineer where skills in C\C++\C#, Java, Python, PHP, JavaScript, good oral and written communication, and problem-solving skills will contribute to the company.

Education

Bachelor of Science in Software Engineering, The University of Texas at Dallas
December 2019

Associate of Science in Software Engineering, Richland College
December 2017

Technical skills

Programming Languages:	Java	C\C#\C++	Python	
Scripting Languages:	Bash	JavaScript	PHP	Perl
Web Technologies:	Spring	HTML	CSS	Bootstrap
Database Technologies:	MySQL	PostgreSQL		
Operating Systems:	Linux/Unix	Windows	AndroidOS	

Projects

University CRM *June 2020*
Web app developed using Java's frameworks such as Spring, Hibernate and Thymeleaf. Used Spring MVC to create a user-friendly UI which supports CRUD operations. It counts with a REST API developed using Spring Data JPA and Spring Data REST. The CRM counts with validation and exception handling.

Sudoku solver *February 2020*
Used Java to create a Sudoku solver. The sudoku solver uses backtracking to solve the board. The UI was made using HTML and CSS. It is validated by JavaScript methods.

App prototype *Fall 2019*
App developed with the Xamarin platform, which uses C# to sends request to an Amazon Elastic Compute Cloud that uses PHP scripts to connect with a relational database hosted on AWS.

Enterprise Business Mapping Framework *Senior Project* *Fall 2019*
Worked as an equal member of a four-person team developing a system in JavaScript which reads from a JSON file to generate an PNG image of a business diagram using Fabric.js.

Experience

Backend developer intern *Squareball Studios* *Summer 2019*
Maintained and developed the backend of systems while working with multiple teams located in a different country. Used PHP to send requests to a relational database using SQL, as well as retrieving data from Fuel API to finally be displayed in the app.

Languages

Written and oral fluency in Spanish (native)
Technical communication skills in English