

# Hector Martinez

Email: hector.mtzm6@gmail.com  
Website: www.hectoremartinez.com

Mobile: (469) 343-9123

## Objective

Software Engineer where skills in Java, Spring Boot, JavaScript, SCSS, AWS, 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, Dallas College Richland Campus  
December 2017

## Technical skills

Programming Languages:	Java	C\C#\C++	Python	
Scripting Languages:	Bash	JavaScript	PHP	Perl
Web Technologies:	Spring Boot	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)  
Conversational and technical communication skills in English