Mario Torres

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PROFILE

Well-rounded software engineering student eager to get into the field and build robust web-apps. I enjoy both front-end and back-end development. Aside from programming, I am an avid lover of most genres of music as well as music production. I am also fluent in Spanish.

SKILLS

JavaScript ◆ SQL ◆ HTML5/CSS3 ◆ Node.js ◆ Python ◆ AWS ◆ Azure ◆ C# ◆ .NET Entity Framework ◆ .NET Web API 2 ◆ MongoDB ◆ Mocha ◆ React ◆ Jest ◆ Babel ◆ Webpack ◆ npm ◆ git ◆ Test-Driven Development ◆ Mobile-First Web Design

EDUCATION

BSE Computer Science & Engineering, *Minor in Mathematics*

The University of Iowa   GPA: 3.25   05/2018 - 05/2019

WORK EXPERIENCE

Software Engineering Intern

IDx Technologies, Inc.   05/2018 - 05/2019
- Developed classes and Windows service for back-end of internal automation application
- Drafted a demo web application, complete with RESTful API
- Designed a mock database and scripted possible migrations in SQL

Audio/Visual Assistant

University of Iowa, Carver College of Medicine   09/2016 - 05/2019
- Prepared equipment for high-profile medical lectures
- Performed routine checkups and troubleshooted issues
- Trained new hires for excellent customer service

PERSONAL PROJECTS
(source code made public)

Enigma Machine Web

React, Object-Oriented JavaScript

Remake of a C++ console application; the classes are modelled after the Enigma M3 encryption machine that was used by the Germans during WWII

Dad Jokes

React, axios

Fetching random dad jokes from ICanHazDadJoke and using the Unsplash API to get a photo loosely related to joke text

Web Notes

React, axios, Mongoose/MongoDB, AWS, Node.js, bcrypt

Practice using a NoSQL database for transferring data as well as making user accounts. This forum app was also used to practice responsive CSS