Susana Cruz

Computer Science Student

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Dallas, TX

PROJECTS

Spring Boot REST API
https://github.com/susccrua/coffeeshopsAPI   04/2022
- Developed simple web application using Java and Spring Boot to make GET and POST requests to a PostgreSQL database
- Familiarized with the Spring Framework and exercised the concepts of aspect-oriented programming and dependency injection

Living Atlas
https://livingatlas.netlify.app/   10/2021
- Built web application to answer a Biblical question with the aid of geographical storytelling using Mapbox
- Set up continuous deployment from GitHub production branch using Netlify
- Cast the team's vision onto the site using HTML5, CSS and JavaScript

Picture Web App
https://picture-app-1cbee.web.app/posts   2/2021
- Developed app using React.js and Redux for users to upload pictures to a common web server
- Used Firebase for deployment, authentication, and cloud database storage

EXPERIENCE

Software Intern
Broadleaf Commerce   2022 - Ongoing   Remote
- Developing the domain and service layers for the B2B cart approval feature using the Spring-based Microservice architecture in an agile environment
- Updating Broadleaf Commerce's front-end application using NextJS, Typescript, and ReactJS, to demonstrate new features
- Performing unit and integration tests on newly developed features and bug fixes for new releases of the Broadleaf Commerce framework

Database Programmer
Dallas Baptist University   2019 - 2022   Dallas, TX
- Administrating database account access for faculty and staff
- Running SQL queries to analyze and process data to create online-access reports as requested by different university departments

Computer Science Teaching Assistant
Dallas Baptist University   2019 - 2021   Dallas, TX
- Supervised, instructed, and graded laboratory assignments for Introduction to Programming course using C++
- Arranged immersive bash-scripting laboratories with a tutoring team for Computer Security and Operating Systems courses
- Tutored students in person and remotely by appointment, improving availability during the pandemic

EDUCATION

B.S. in Computer Science
Dallas Baptist University
📅 Aug 2018 – Dec 2022

GPA
3.84 / 4.00

SKILLS

Programming Languages
JavaScript Java C++ SQL C# UniQuery Python

Frameworks
React NextJS Typescript Redux Node JPA/Spring Data Spring Microservices JUnit Mockito

Software and Tools
GitHub IntelliJ VSCode Postman Docker Maven Blender Service Manager

AWARDS

#1 Project
T-Mobile AI Ops Hacksgiving
"Automatic Routing" project using NLP and ML to route incident tickets
11/2021

#1 Project in North America
Indigitous #HACK2021
"Living Atlas" web application to answer Biblical questions
10/2021

Ned Engman Founders' Scholarship
Project Management Institute
Spring 2022

CERTIFICATES

Agile Software Development
Coursera – March 31, 2021
Learn React Course
Codecademy – March 17, 2022
Learn Redux Course
Codecademy – March 27, 2022
Learn Spring Course
Codecademy – April 12, 2022