

Fernando Angel Romo

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EDUCATION

California State University-Dominguez Hills

Bachelor of Science in Computer Science

Aug. 2020 – May 2024

Carson, CA

EXPERIENCE

Code Coach

theCodersSchool

Nov. 2023 – Present

Redondo Beach, CA

- As a Code Coach, I worked with kids from the age of 6-17, in group sessions whether they were 1:1 or 2:1, and introduced programming concepts to them utilizing Scratch and Python to enable them to create projects that interest them such as game development and mobile applications

PROJECTS

FitFlowPro | *Java, Spring Boot, Thymeleaf, H2 Database, Git*

Jan. 2024 – Present

Website | GitHub

- Developed a full-stack fitness web application, enhancing user engagement and personalized workout recommendations by utilizing HTML, CSS, and JS for the front end with Thymeleaf for templating, and Java Spring Boot and H2 database for the backend.
- Implemented personal account creation and a recommendation system to provide users with tailored workout routines.
- Enabled users to rate workout routines by difficulty, improving the algorithm's ability to suggest workouts based on individual preferences.

Service Shop Database Group Project | *Java, SQL, JDBC, Java Swing*

Nov. 2023 – Dec. 2023

Presentation | GitHub

- Collaborated with classmates to show sample data and apply constraints and default values, ensuring data integrity and consistency.
- Created over 10 queries to demonstrate that our database could provide required information based on business rules, showcasing complex query creation skills.
- Integrated JDBC into the project and utilized Java Swing to create user-friendly forms, enhancing the project's functionality and user interaction.

TECHNICAL SKILLS

Languages: Java, Python, C, SQL, JavaScript, HTML/CSS

Developer Tools: Git, Postman, VS Code, Visual Studio, IntelliJ, Eclipse, mySQL Workbench, Linux

ACTIVITIES AND ORGANIZATIONS

Computing Alliance of Hispanic-Serving Institutions

Sep. 2023 - May 2024

California State University-Dominguez Hills

Carson, CA

- Attended many workshops, conferences, and talks with Professors, and worked on programming problems as a group.

Senior Cabinet/Baseball Team

Aug. 2016 - June 2020

Gardena Senior High School

Gardena, CA

- Demonstrated strong teamwork and communication skills by collaborating with team members to achieve common goals.
- Managed time effectively by balancing academic responsibilities with daily training sessions and games.