

Esteban Rodriguez

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Education

B.S. IN COMPUTER SCIENCE – INFORMATION SYSTEMS

California State University, Bakersfield

Bakersfield, CA

Aug 2016 – May 2020

59DaysOfCode Volunteer: Developed an ecommerce-like website for marketing new skincare products. Worked closely with the project/team leader to meet their desired design and functionality.

Technical Skills

Languages: Java, JavaScript, PHP, MySQL, PostgreSQL, HTML/CSS, Familiar with C++

Frameworks/Libraries: Bootstrap, jQuery, Node, Express, MongoDB, AJAX, Laravel

Version Control: Git, Github

Tools: Postman, MySQL Workbench

Projects

Delectable – Restaurant Management & Reservation System – github.com/delectable

- Utilized Fabric JS to create an interactive restaurant layout and AJAX to avoid page reloading
- Developed algorithm for computing employee performance
- Implemented a user role hierarchy for administrators, customers, employees, and managers
- Developed a MySQL database using a design made in MySQL Workbench

FighterZ – Local 2-Player Fighting Game - github.com/Fighterz

- Worked on displaying player health, timer, start menu, and simple tutorial with C++ (OpenGL)
- Collaborated with a team to develop hitboxes, simulate gravity, and player actions by modifying an existing asteroids game

Computer Repair Business - Customer Service Desktop App - github.com/computer-repair-app

- Developed a JavaFX app for customer service to register users, view tickets, and assign technicians
- Responsible for designing and managing the application's PostgreSQL database
- Built a report generator to produce employee reports using JasperReports

Heavy 6 – Music/Musician Forum – github.com/music-forum

- Developed both front-end and back-end with user accounts, topics, posts, and comments
- Implemented profile customization including uploading profile pictures

Collaborative Interactive Piano – github.com/collaborative-interactive-piano

- Established the basic structure for users to connect and communicate using Node.js and Socket.IO
- Used NexusUI and Tone.js for displaying an interactive piano and producing sounds

Experience

IN-HOME SUPPORTIVE SERVICES

Care Provider

Bakersfield, CA

Nov 2020 – Present