

Esteban Rodriguez

Bakersfield, CA 93307 | (661) 747-5928 | erodriguez0705@gmail.com | <https://estebanrodriguez.dev>

Education

B.S. in Computer Science – Information Systems

California State University, Bakersfield

Bakersfield, CA

Aug 2016 – May 2020

Relevant Coursework: Software Engineering, Algorithm Analysis, Web Development II, Advanced Java, Database Systems, Artificial Intelligence., Comp. Architecture II, Networks/Network Security, Operating Systems, Distributed & Parallel Computation

Technical Skills

Front-End Development: HTML, CSS, JavaScript

Back-End Development: Java, PHP, MySQL, PostgreSQL, C++

Version Control: Git, Github

Frameworks: Bootstrap, jQuery, Laravel

Projects

Delectable – Restaurant Management & Reservation System

<https://github.com/erodriguez0/delectable>

- Created a way for local restaurants to allow customers to make reservations and place orders
- Utilized Fabric JS, a canvas framework, to create an interactive restaurant layout
- Used AJAX to avoid page reloading and create a seamless customer experience
- Implemented a user role hierarchy for administrators, customers, employees, and managers

FighterZ – Local 2-Player Fighting Game

<https://github.com/erodriguez0/fighterz>

- Worked on displaying player health, timer, start menu, and simple tutorial
- Collaborated with a team of students to develop hitboxes, simulate gravity, and player actions
- Communicated with teammates the requirements, goals, and objectives for our game

Computer Repair Business - Customer Service Desktop App

<https://github.com/erodriguez0/computer-repair-business-app>

- Developed a desktop application for customer service to register users, create/view/close tickets, and assign experts to fix the issues listed
- Responsible for designing and managing the application's PostgreSQL database
- Built a report generator to produce employee reports listing all their related work

Heavy 6 – Music/Musician Forum

<https://cs.csusbak.edu/~erodriguez/project3/home.php>

- Developed both front-end and back-end complete with user accounts, topics, posts, and comments

Collaborative Interactive Piano – Ongoing Project

<https://cimw.azurewebsites.net/>

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