Ivan Monroy

in LinkedIn | 📱 951-807-7036 | 🌐 Portfolio | ✉ imonr001@ucr.edu | GitHub

EDUCATION

Bachelor of Science	<u>University of California Riverside</u>	*Riverside, CA*	**01/2021 - 03/2023**

- Major in Computer Science

Associate of Science	<u>Mt. San Jacinto College</u>	*San Jacinto, CA*	**01/2017 - 07/2020**

- Major in Computer Science

RELEVANT COURSEWORK

Courses: Data Structures, Algorithms, Software Testing, Compiler Design, Operating Systems, Web Development, Artificial Intelligence, Embedded Systems, Linear Algebra, Database Management, Big-Data

SKILLS

Technical

- C++ | Java | JavaScript | Python | Node | Express | React | NoSQL | Scala | SQL | PostgreSQL | Git |

- Distributed Systems | Frontend | Backend | Full-Stack | Agile | Object-Oriented Programming |

Soft

- Problem Solving | Communicative | Teamwork | Adaptability | Self-Management |

PROJECTS

<u>BANK WEBSITE</u> **|** Next.js, Tailwindcss, Supabase, Javascript, Postgres, SQL, Database Management
- Authenticate and Authorize users based on Email & Password using row level security
- Full Postgres database managing tables and data including but not limited to Money balances, user accounts.
- Route based directory based on file name, navigating client side route transition
- **Live Bank Project** | **GitHub Bank Project**

<u>PORTFOLIO WEBSITE</u> **|** React, Tailwindcss, Javascript
- Created a website portfolio using reactjs and tailwindcss to demonstrate frontend development.
- Created a contact form using email submission and automated email confirmation.
- Fully responsive website
- **GitHub Portfolio**

<u>DATABASE MANAGEMENT</u> **|** Java, Java Database Connectivity, PostgreSQL, Scrum
- Constructed a retail store application using Java and PostgreSQL to create and manipulate data.
- Used relational database methodologies to create tables to query and insert into tables.
- Contributed in a team of 2 developers with weekly sprint planning and using Scrum methodologies.
- **GitHub Database Management Project**

<u>DATA ANALYSIS</u> **|** Scala , SQL , Functional Programing
- Analyzes a dataset with several subsets ranging from 1k, 10k, 100k bird observations
- Parse dataset CSV format and introduce zip code for each bird observation by joining the dataset.
- Queried the percentages of observations for a specific species given a zip code
- **GitHub Data Analysis Project**