

Roman Moreno Jr

708-712-4324 | roman.moreno226@live.com | [linkedin.com/in/romanmorenojr](https://www.linkedin.com/in/romanmorenojr) | github.com/rmore4623

EDUCATION

University of Illinois at Chicago (UIC)

Bachelor of Science in Computer Science

Chicago, IL

August 2019 – December 2023

TECHNICAL SKILLS

Languages: JavaScript, SQL, Python, Go, C#, C/C++, HTML/CSS

Frameworks/Libraries: React, Node.js, Express, jQuery, ASP.NET MVC, Entity Framework, Flask, JUnit, Mocha, pandas, NumPy, Matplotlib

Developer Tools: Git, GitHub, Docker, Google Cloud Platform, Azure, VS Code, Visual Studio, PyCharm, IntelliJ

EXPERIENCE

Full Stack Developer Intern

Machinery Marketing International

January 2024 – Present

Chicago, IL

- Developed an algorithm to recommend similar items to users on company website, utilizing user activity tracking, resulting in improved user engagement
- Collaborated on optimizing performance for automation scripts using Selenium for web scraping in real-time bidding auction platform for industrial equipment sales, utilizing Cosmos DB for data storage
- Enhanced company website performance through Google Lighthouse analysis and targeted optimizations, resolving identified bottlenecks
- Created and hosted Dockerized ETL pipelines with Python, Apache Kafka, and Apache Airflow within Google Cloud Composer, streamlining operations, minimizing manual input, and enhancing overall company productivity

Information Technology Intern

Northwestern Medicine

August 2015 – May 2019

Chicago, IL

- Installed and provided tech support for personal computers and printers, ensuring a smooth workflow for staff
- Successfully troubleshooted and upgraded computer systems, transitioning from Windows XP to Windows 7 for 150+ workstations, improving system performance
- Organized company files using cloud storage applications and created a support system to decrease workload and increase productivity for managers and supervisors

PROJECTS

Real Time Chat Application | *TypeScript, React, Go, SQLite, PocketBase*

January 2024 – Present

- Implemented WebSocket functionality for real-time communication, enabling efficient and low latency messaging
- Constructed a Go server with the ability to concurrently manage multiple connections, while also enhancing security by implementing user identification mechanisms for message senders
- Integrated PocketBase for user authentication and session management and SQLite for database management

Spotify Widget | *TypeScript, React, Tailwind CSS, SQLite, Go*

December 2023

- Developed a dynamic and immersive full-stack application, providing users with an engaging interface to interact with Spotify's API
- Implemented a robust Go-based backend, integrating SQLite server for data management, and seamlessly connecting with Spotify's API to enable user authentication and data retrieval
- Designed and optimized user experience, allowing users to explore playlists, including insights such as the number of artists and tracks, enhancing the overall functionality and appeal of the application

Media Naranja Speed Dating | *Node.js, JavaScript, React, Express, PostgreSQL, Supabase*

October 2023

- Developed a speed dating application, integrating Supabase for role-based access control and user authentication with Google, ensuring a secure and seamless experience for users
- Created a visually appealing user interface using React and Bootstrap, enhancing the overall user experience and engagement, while maintaining a responsive and intuitive design for the frontend
- Implemented a RESTful backend using Express.js to serve as a REST API, interacting with the Supabase API for efficient data management. This enabled seamless CRUD operations and utilized PostgreSQL for data storage, with triggers and Row-Level Security (RLS) ensuring data integrity and access control