

Dariel Gutierrez

dgutierrez4085@sdsu.edu • (619)-289-5672 • <https://www.linkedin.com/in/dariel-gutierrez-a34057283/> • github.com/darielgu

EDUCATION

San Diego State University CO, 2027 | San Diego | CA

Enrolled in B.S. in Computer Science | GPA: 3.8

Sep 2024

First Generation Scholar

TECHNICAL SKILLS

Programming & Frameworks: Java, C++, JavaScript, Python, React, Express, Node

Infrastructure & Tools: MongoDB, MySQL, Git

EXPERIENCE

Belto World Back End Developer | Open Source

Aug 2024 - Present

- I worked on express backend integration to react to the front end. I also used the CORS framework to connect front-end API calls to the front end, presenting AI responses on the web application.
- Created a MongoDB local database to store chat history along with an implemented data structure in JSON that holds client-side information
- Coordinated weekly meetings with my team to see the improvements in our AI solution models, and worked alongside 4 other employees on a remote desktop to contribute to the WebApp's success.

PROJECTS

LPL Financial HACKARMA- Cash Compass <https://github.com/darielgu/hackathonTEAM>

- **Developed Cash Compass**, an AI-powered financial expense-tracking application that enables users to track spending habits and gain actionable insights.
- **Designed and implemented user authentication**, allowing advisors to securely log in and manage client financial data.
- **Integrated CSV file input functionality**, enabling advisors to upload and analyze client expenses for trend identification and decision-making.
- **Implemented a database solution** to securely store and retrieve financial transactions for enhanced data security.
- **Developed an intuitive and user-friendly interface**, improving financial management through data visualization and client-specific insights.
- **Leveraged Python and Jupyter Notebook** for exploratory data analysis to derive meaningful financial insights.

Belto Ai Chatbot

- Developed an AI-powered chatbot application using a full-stack approach. Implemented an Express.js backend with Node.js, integrating with a React front-end to provide a seamless chat experience.
- Utilized the CORS framework to manage cross-origin requests and ensure secure communication between the front and back ends.
- Designed and managed a local MongoDB database to store chat history, leveraging a custom JSON data structure to handle user interactions and maintain a continuous conversation flow.
- Integrated the chatbot with an external AI API to generate responses using the GPT-3.5-turbo model.
- Created error handling and support for both streaming and non-streaming responses to optimize performance and user satisfaction.

Fraternity Email Newsletter

- Successfully created a fully functional web application with JavaScript front end, server-side API, and MongoDB database that stores emails
- Email newsletter that sends out weekly updates to over 140+ fraternity members
- Designed the front end using React and connected it to MailChimp API to cover email sending