

Emilio Jaramillo

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Education:

Saint Xavier University, Chicago, IL, 2022–2026

Bachelor in Computer Science

Relevant coursework:

- *Relational/Dbase/Theo/Design*
- *Operating Systems*
- *Data Structures & Algorithms*
- *Software Engineering*
- *Intro to Cyber Security I*
- *Intro to Generative AI*

Relevant Experience:

Amm Glo Logistics Co.

Belvidere, IL, 2024 (Apr.–May.)

Website development (<https://ammglologistics.com>)

- Responsible for website and brand identity development of Amm Glo Logistics Co. The job consisted of listening to the company's and developing their ideas.
- Responsible for communicating through product updates and virtual meetings to assure satisfaction.
- Responsible for designing and coding the website, as well as concept art and 3d modeled logo.

Relational/Dbase/Theo/Design.

Chicago,IL,2025(Aug-Dec.)

Database project

- Designed and implemented a relational database, including ER diagrams and schema design
- Defined database structure using SQL, establishing tables, relationships, and constraints
- Data entry and validation to ensure accuracy and consistency of stored information
- Executed SQL queries to test functionality

Software Engineering.

Chicago,IL,2026(Feb-May.)

Stylix -Fullstack project (<https://stylix.live>)

- Developed a fullstack web app in a team of 4 using Node.js, Express, and MySQL.
- Developed backend API routes and database schema,Implemented dynamic item listings, cart functionality, and user interactions
- Integrated Stripe API for secure checkout and payment processing
- Deployed the application on AWS EC2, using Nginx for reverse proxy and PM2 for process management
- Connected a custom domain and implemented HTTPS with Certbot

(Node.js, Express, MySQL, Stripe API, HTML/CSS/JS, AWS EC2, PM2, Nginx, Certbot)

Intro to Generative AI.

Chicago,IL,2026(Feb-May.)

GenAI solutions project

- Built a semantic podcast search system using embeddings and FAISS
- Implemented hybrid search with keyword ranking and semantic retrieval
- Integrated LLM based summarization (BART) for summaries of podcast transcripts
- Developed a Gradio UI for interactive querying
- Evaluated performance using Precision@K and ROUGE
- Implemented speaker matched text extraction to display relevant transcript segments with context

Technical Skills

JavaScript (Node.js, Express.js)

Python

SQL/MySQL

html/css/

Web dev, API integration

Blender

Troubleshooting

Time management

Additional Experience:

- Emilio's Painting Service, salesman, Oct 2020 - present
- Chick Fil A, 713 S Seeley Ave, Chicago, IL 60612, FOH, 2023 (Jun - Nov)
- FairPlay Foods, 8700 s Cicero Ave Oak Lawn, IL 60453, Store Clerk, 2022 (Jan-May)

Language Skills

Fluent in English and Spanish.
(written and spoken)