

CHRISTIAN MARTIN

312-885-5415

christianjmartin2341@gmail.com

WWW: <https://www.linkedin.com/in/christianmartin232324> • <https://github.com/christianjmartin> • <https://christianjmartin.netlify.app>

EDUCATION

BACHELOR OF SCIENCE: COMPUTER SCIENCE

12/2024

University of Illinois At Chicago, Chicago, IL

GPA: 3.2

Relevant Coursework: Data Structures & Algorithms • Software Design • Computer Algorithms • Software Engineering I & II • UI Design • Database Systems • Natural Language Processing

SKILLS

Python, C++, C, Java, HTML/CSS, JavaScript, SQL, R, F#

React, React Native, Node.js, Express.js, MongoDB, Supabase, PostgreSQL, MySQL, Flask, Git, Azure DevOps, Jira

PROJECT EXPERIENCE

MovieNext (IP)

Personal Side Project - 02/2025

- Building an app that delivers individualized movie recommendations using advanced AI models.
- Utilizing React Native for mobile development with Supabase for database management.
- Engineered a recommendation refinement algorithm that increases organic suggestions by 75%.
- Leveraging Google's Gemini 1.5 Flash API for personalized film generation and TMDB API for visually rich displays.

SoleTogether

User Interface Design Project - 12/2024

- Designed a social platform for sneaker enthusiasts using Python with Flask, HTML, CSS, and JavaScript.
- Integrated the Sneaks-API from GitHub using Express.js on Node.js, providing access to a database of over 40,000 sneakers.
- Conducted in-depth user testing and interviews, identifying functional requirements and significantly enhancing user satisfaction.
- Collaborated with the team to document the full development lifecycle, outlining our implications for design, MVP scope, timelines, and key retrospective insights in a final report and PowerPoint presentation.

City Planner & Management

Software Engineering II Project - 11/2024

- Developed a MERN stack platform for proposing infrastructure projects, with a REST API for proposals, approvals, and client data.
- Collaborated in an Agile team using Azure DevOps, contributing to sprint planning, backlog refinement, and iterative development.
- Co-authored the SDLC final report, documenting system architecture, development workflows, and project retrospectives.

FragranceArchive

Personal Side Project - 09/2024

- Built a social media platform designed specifically for fragrance enthusiasts with a robust Python and PostgreSQL backend.
- Designed and implemented an ETL pipeline to extract over 59,000 fragrance data entries from CSV, transform it to ensure data integrity and consistency, and load it into a PostgreSQL database.
- Deployed with Heroku, gaining experience in a cloud-based production environment, including managing environment variables, database migrations, enhancing user security, and monitoring performance.

EXPERIENCE

OUTLIER AI

Remote

AI Training Specialist

11/2024 to Current

- Implement complex tasks for LLMs to address abstract problems in computer science, advancing model capabilities.
- Analyze model outputs, verify solutions, and provide detailed feedback and scoring to enhance performance.
- Apply programming expertise with a focus on Python to support the development of robust AI systems.

BUSINESS OWNER

Chicago, IL

Sneaker Business

05/2019 to 09/2023

- Launched a dedicated business Instagram account, "cjm.kicks", growing to 1200+ followers organically.
- Demonstrated market analysis skills by sourcing products and negotiating sales, generating \$10,000+ in profit.
- Showcased my ability to identify opportunities and adapt in a dynamic market.