CHRISTIAN MARTIN

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EDUCATION

BACHELOR OF SCIENCE: COMPUTER SCIENCE   Expected in 12/2024
University of Illinois At Chicago, Chicago, IL
GPA: 3.13
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#   PostgreSQL, Git/GitHub, Flask, AJAX, React, Node.js, Express.js, JavaFX, MongoDB

PROJECTS

FragranceArchive
Personal Side Project - 09/2024
• Built a social media platform designed specifically for fragrance enthusiasts, hosting 9,000+ fragrances in the database.
• Utilized Python with Flask, HTML, CSS, JavaScript, and PostgreSQL for full-stack development.
• Reduced interaction cost by 20%, improving user engagement with a streamlined UI/UX flow.
• Managed secure user login and registration with password hashing to protect user credentials.
• Designed a SQL schema to efficiently handle content and interactions, supporting CRUD operations.
• Implemented 10 relational tables to manage users, fragrances, interactions, and social features.
• Deployed with Heroku, gaining experience in a production environment, including managing environment variables, database migrations, scaling, and monitoring performance.

Library Database
Database Systems Project - 04/2024
• Created an extensive Library database in Python with PostgreSQL as the DBMS.
• Developed a relational schema from scratch encompassing a Libraries functions.
• Explored the importance of data integrity through rigorous validation mechanisms.

Virtual Casino
Personal Side Project - 08/2023
• Constructed a virtual casino in C++, featuring Roulette, Baccarat and Blackjack.
• Provided the player the ability to track finances while they play, adding to re-playability.
• Incorporated a user-friendly design, emphasizing the importance of enhancing user experiences.

EXPERIENCE

UBER EATS
Chicago, IL

Delivery Driver   03/2022 to Current
• Completed 500+ deliveries so far, maintaining a 99% satisfaction rate.
• Improvise pickup ordering and routes to improve time efficiency, reducing delivery time by 10% on average.
• Adapted to a fast-paced work environment, further developing time management skills.

SELF EMPLOYED
Chicago, IL

Sneaker Business   05/2019 to 10/2021
• Launched a dedicated business Instagram account, "cjm.kicks", growing to 1200 followers organically.
• Bought and resold used shoes, acquired from the internet or followers of the business, generating $10,000+ in profit.
• Showcased my ability to identify opportunities and adapt in a dynamic market.