

# 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

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## SKILLS

Python, C++, C, Java, HTML/CSS, JavaScript, SQL, R, F#      PostgreSQL, Git/GitHub, Flask, AJAX, React, Node.js, Express.js, JavaFX, MongoDB

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## 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 cloud-based 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.

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## 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.