

# CHRISTIAN MARTIN

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## EDUCATION

### BACHELOR OF SCIENCE: COMPUTER SCIENCE

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, Flask, React, Node.js, Express.js, MongoDB

## PROJECTS

### 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.
- Applied key UI design principles, including color theory, layering, and grid systems, to craft a clean interface.
- Added a seamless dark mode toggle to enhance accessibility and accommodate diverse user preferences.
- Conducted in-depth user testing and interviews, significantly enhancing user engagement and satisfaction.
- Leveraged the dynamic nature of the API, creating a menu that automatically updates with new releases from users' favorite brands

### City Planning & Management

Software Engineering II Project - 11/2024

- Developed a platform with MongoDB, Express.js, React.js, and Node.js (MERN) for proposing infrastructure projects.
- Enabled clients to submit reports, track approvals, and visualize project statuses in real time.
- Integrated a REST API for dynamic data retrieval and updates with Express.js, ensuring a responsive user interface.
- Designed the backend architecture drawing inspiration from MVC, ensuring clean separation of concerns and scalability.
- Managed a MongoDB Database, certifying that collections hold necessary data over real-time client interactions.
- Developed a Interactive Map feature with the Leaflet library, improving project visualization for planners.

### 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.
- 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.

## 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.

### SELF EMPLOYED

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.