**Jimmy Xiao**

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# EDUCATION

**University of Illinois at Urbana-Champaign** 08/2023 – 05/2026

*Bachelor of Science in Computer Science, Minor in Mathematics* GPA: 3.82

* Dean’s List (Fall 2023)

**City Colleges of Chicago – Harold Washington College**  08/2021 – 05/2023

*Associate in Engineering Science - Computer Science, High Honors* GPA: 3.86

* Presidential Scholar (Fall 2022, Spring 2023)
* Dean’s List (Fall 2021)

# PROJECT HIGHLIGHTS

**GCP-Hosted MySQL-Based Database Application**  06/2024 – 08/2024

* Implemented ACID-compliant CRUD operations across the full-stack of web development
* Designed a normalized relational database in UML
* Created a series of advanced SQL queries for data analysis
* Tested various indexing schemes to improve database performance

**React-based Machine Learning Web App**  09/2023 – 12/2023

* Produced a project design document defining the goals and timeline of the project
* Developed the front-end of a web application in specifications with the needs of a back-end team
* Created tasks for team members to ensure weekly goals are met

# SKILLS

**Programming Languages:** Java, C++, Python, SQL, Verilog

**Frameworks/Tools:** React, Git, Docker, MySQL, Firebase, GCP, MongoDB, Neo4j, Vivado

**Related Coursework:** Probability & Statistics, Data Structures and Algorithms, Database Systems, Abstract Linear Algebra

# WORK EXPERIENCE

**Everyone Can Code: Chicago - *AI + Entrepreneurship Program*** Chicago, IL

*Intern* 06/2023 – 08/2023

* Simulated the stages of a startup company creating solutions for community problems
* Harnessed ChatGPT’s generative potential to accelerate the phases of entrepreneurship
* Directed a small team in prototyping an app and presentation with Figma
* Interviewed community stakeholders to develop solutions for community problems

**Delaware North**  Chicago, IL

*Retail Associate*  06/2021 – 08/2021

* Welcomed and directed thousands of guests to locations in the stadium
* Aided in retrieval and location of items
* Ensured orderly and safe exit of guests at closing times

# EXTRACURRICULAR ACTIVITIES

**Phi Theta Kappa – Mu Pi Chapter**  Chicago, IL

*Vice President of Fellowship* 10/2022 – 05/2023

* Collaborated with the officer team on a video series for adapting to pandemic learning
* Organized induction ceremonies and meetings for 20+ members