

Sarena Yang

sarenay2@illinois.edu || (331) 801-0052

EDUCATION

University of Illinois Urbana-Champaign

Expected Graduation: May 2025

B.S. in Computer Science • GPA: 3.81/4.00

Relevant Coursework: Algorithms & Models of Computation, Data Structures, Applied Parallel Programming, Computer Vision, Computer Architecture, Systems Programming

PROFESSIONAL EXPERIENCE

PNC Financial Services, Software Engineering Intern

May 2023 - August 2023

- Technology Identity & Access Management Team
- Developed Java code focused on automating the identification and assignment of certifiers for unallocated entitlements in Oracle's OIM software
- Conducted research and analysis, leveraging SQL queries to examine auditing logs in Oracle database and evaluate entitlements' compliance with business requirements

Doctor's Data Inc., Software Engineering Intern

May 2022 - August 2022

- Built C# back-end for communication between lab computers and chemical machinery
- Extended legacy code to automate custom variable calculations in password-protected files and add to existing Oracle Database
- Developed internal ASP.NET web app that interfaced with a new SQL Server database, enabling 100+ employees to create and modify inventory requests

PROJECTS/EXTRACURRICULARS

[Firefly Project](#)

May 2023

- Song guessing application utilizing React.js, Flask, and the Spotify API
- Incorporated Spotify web playback into browser for playback control
- Implemented user-friendly features enabling input via keyboard or microphone, as well as a scoring system where users earn points upon guessing a song correctly

WCS Infrastructure Committee Member

September 2021 - Present

- Designed and coded an open office table with comprehensive scheduling and member roster features; implemented JavaScript functionality to seamlessly switch between two tabs based on a biweekly schedule
- Developed a React-based leaderboard utilizing the WCS Points API; tracked and displayed member names, ranks, NetIds, and points accurately on the leaderboard

SKILLS

Programming: Java, Python, C, C++, C#, SQL, HTML, CSS, JavaScript

Technologies: React.js, Node.js, Flask, ASP.NET, Entity Framework, SQL Server, Oracle Database

Languages: English, Mandarin