

Ruoyang Ye

yer@purdue.edu | (212) 367-7297

EDUCATION

Purdue University, West Lafayette, IN

Expected Graduation: 2023

B.S. in Computer Science, GPA: 3.88/4.0

- **Relevant Coursework:** Problem Solving and Object-Oriented Programming, Programming In C, Foundations of Computer Science, Computer Architecture, Data Structures and Algorithms, Information Systems, Data Engineering in Python
- **Student Organizations:** Purdue Men's Ultimate Frisbee, Purdue Web Dev Club, Purdue Hackers

SKILLS

- **Programming Languages:** Java, Python, C, HTML/CSS, JavaScript, R, SQL
- **Frameworks and Libraries:** React.js, Node.js, Express.js, Pandas, NumPy
- **Tools:** Git, GitHub, GitHub Desktop, Linux, Google Cloud Platform (SQL)
- **Databases:** MySQL
- **Creative:** Adobe Photoshop, Adobe InDesign, Adobe Illustrator, Sony Vegas

PROJECTS

Indy Ignite

June 2021

- A project designed for TechPoint's SOS Challenge 2021 with the intention of creating an online platform for employers to list jobs and employees to find jobs with a main focus for the NCAA College 2022 Playoffs
- Tasked with handling the backend functionality and assisted in helping with the front-end portion of the project
- This project utilizes a HTML/CSS frontend with a Nodejs and Express backend along with a MySQL hosted on Google Cloud Platform

SuperShopper

April 2021

- A group project that was tasked with creating and designing a full-stack web application that is meant to serve as an online grocery store
- Implemented the frontend and backend of the cart page by designing the page so that the users could remove and checkout items from the cart
- Created indexes to optimized lookup queries that were required for the cart page
- This project utilizes a HTML/CSS frontend with a Nodejs and Express backend along with a MySQL database that was hosted on Google Cloud Platform.

WORK EXPERIENCE

PENCIL, Inc., New York, NY

June 2021 – August 2021

Project Intern

- Collaborated with Morgan Stanley employees on the development of a banking application meant to break down barriers between banks and low-income communities
- Developed a high-fidelity prototype along with two others and lead daily scrum meetings
- Planned weekly sprints and delegated team roles to improve team's efficiency

PROFILE LINKS

LinkedIn: <https://www.linkedin.com/in/ray-ye-cs2023/>

GitHub: <https://github.com/rayye1>