

Ruoyang Ye

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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 job platform to revive the job market in Indianapolis in time for the 2022 NCAA College Football Playoffs
- Tasked with implementing backend functionality that includes allowing users to create and login to their accounts, giving employers the ability to post and remove job listings and allowing users to view all the listings
- Improved the UI by making the website more visually appealing and easier to navigate
- This project utilizes a HTML/CSS frontend with a Nodejs and Express backend along with a MySQL database 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 implementing functionalities that allow users to remove and checkout items from the cart
- Created indexes to optimize lookup queries that would display the items in the user's cart
- 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>