

# Jerry Yip

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## EDUCATION

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### Purdue University - West Lafayette

Bachelor of Science in Computer Science

**Expected 2026**

West Lafayette, IN

## WORK EXPERIENCE

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### Restaurant Shift Manager

China King Buffet

May 2020 – July 2022

Clarksville, TN

- Operated and assisted with the assembly of customer food and take-out orders through associated equipment, including the weight scale and cash register
- Managed the cash register and POS software swiftly and accurately in an overloaded restaurant
- Assisted customers with food item questions, prices, lost items, and discount rates

## PROJECTS

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### HTTP Server | *Java*

July 2023

- Employed graphical user interface, swing, to navigate the system
- Implemented Java's ServerSocket to connect the client request to the server
- Directed client queries and server information through Java's BufferedReader and PrintWriter

### Fortnite Stat Tracker | *JavaScript, HTML, CSS*

June 2023 - July 2023

- Designed a web application to display player statistics from a popular game
- Utilized Fortnite public API to access data based on user queries
- Displayed data to JavaScript frontend in player statistics format with real-time updates
- Accessed the browser's local storage to hold player statistics data

### Tech Market | *Java*

November 2022 – December 2022

- Developed a system that takes each client on a thread and concurrently updates the status of the market
- Authorized users to create an account to which their login information is saved in a CSV file
- Users can see real-time changes to the market as they add or purchase products from storefronts
- Utilized graphical user interface, swing, to help users navigate the system

## COURSE WORK

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**Computer Science:** Computer Architecture (Present), Data Structures and Algorithms (Present), Programming in C, Problem Solving and Object-Oriented Programming (Java)

**Mathematics:** Multivariate Calculus (Calculus 3), Discrete Mathematics, Analytic Geometry and Calculus 2, Analytic Geometry and Calculus 1

## SKILLS

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**Programming:** Python, C, Java, JavaScript, HTML/CSS

**Developer Tools:** Git

**Languages:** English (Native), Mandarin Chinese (Intermediate)

## EXTRACURRICULAR ACTIVITIES

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**Purdue Computer Science Learning community**

August 2022 — May 2023

**Society of Asian Scientists and Engineers**

August 2022 — Present

**Purdue Asian American Association**

August 2022 — Present