

JASON CHEN

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SKILLS

- Java, C, HTML/CSS, Python, UNIX, Ruby, PHP, SQL, React.js, Tailwind, Typescript, Full Stack Development, Object-Oriented Programming, Data Structures, Algorithms

TECHNICAL EXPERIENCE

My-Cook-Book, *Full Stack Application*

- Developed a dynamic full-stack recipe finder and builder app using React, Next.js, and Tailwind with real-time commenting capabilities, enabling users to create recipes, search, and delete recipes
- Designed an in-depth filter system that allows users to filter recipes by difficulty, price, and nutrients, enabling a smooth user and meal plan design experience
- Implemented robust backend services using NextAuth.js, Postgres, Prisma, TanStack Query, and Axios to handle data management, authentication, API calls, and scalability

Flutter App, *BookWorm*

- Spearheaded and collaborated on the concept and design of *BookWorm*, an intuitive book organizer application that enhances the reading experience by allowing users to record, organize, and reflect on their readings
- Integrated a range of functionalities, such as note-taking, word definition lookups, and personalized libraries, all wrapped in an aesthetic and user-friendly interface

Music Playlist Webpage, *HTML/CSS Project*

- Crafted an interactive website using HTML, CSS, SQL, and PHP with user-friendly song management and genre-based sorting features
- Created a smooth interface for adding, removing, and filtering songs with PHP and SQL operations

Introduction to Computer Systems, *Nelovo Filesystem Project*

- Engineered a simulated file system in C using dynamic memory allocation and deallocation
- Designed a linked list data structure to efficiently manage file creation, deletion, and movement

WORK EXPERIENCE

Hailbytes, *Intern*

June 2023 – August 2023

- Utilized WordPress and SEO Copywriting to create dozens of articles that garnered hundreds of views on the company website
- Analyzed and implemented WordPress plugins that significantly reduced website content load time from 2.5s to 950 ms, raising Hailbytes's GTmetrix rating from B to A

New Orient Buffet, *Shift Leader*

May 2020 – August 2022

- Led a team of 6 employees and served as shift leader during work hours to all employees
- Greeted customers and managed customer requests to improve communication and collaboration skills and develop key crisis-management techniques, improving the restaurant rating from 3.5 to 4 stars

EDUCATION & AWARDS

University of Maryland, College Park

Graduated: May 2024 (GPA: 3.486)

College of Computer, Mathematical, and Natural Sciences | Bachelor of Science, Computer Science

Relevant Coursework: Object-Oriented Programming I & II | Data Structures & Algorithms | Advanced Data Structures | Programming Handheld Systems | Database Design | Intro to Artificial Intelligence | Computer & Network Security

Semester Academic Honors, *Dean's List*

December 2020 – May 2022

- Achieved and maintained a GPA of 3.5 or higher every semester of attendance at UMD

ACTIVITIES

Chinese Student Association, *Mentor*

August 2021– Present

- Mentored 2 underclassmen in the club's Big-Little program, providing advice and support to new students
- Organized monthly events with mentees to develop key relationships with other members of the community
- Developed a strong understanding of Chinese-American perspective and culture