

JASON CHEN

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EDUCATION

University of Maryland, College Park

Anticipated Graduation: May 2024 (GPA: 3.486)

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

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, nutrients, optimizing meal plan building
- Implemented robust backend services, like **NextAuth.js**, **Postgres**, **Prisma**, **TanStack Query**, and **Axios** to handle data management, authentication, API calls, and scalability, enabling a smooth user experience

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
- Utilized **PHP** select, insert, and delete operations to communicate with an **SQL** server for dynamic content handling

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, wrapped in an aesthetic and user-friendly interface.

Introduction to Computer Systems, *Nelovo Filesystem Project*

- Engineered a simulated file system in **C** using advanced memory management techniques, such as dynamic memory allocation and deallocation
- Designed a linked list data structure to efficiently manage file system tasks, including file creation, deletion, and movement, showcasing skill in complex data handling

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

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

AWARDS

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

University of Maryland Bachelor's Scholarships: **Dean's Scholarship**

September 2020 – May 2022

- Awarded the Dean's scholarship based on academic merit when entering the University of Maryland

SKILLS

- Java, C, HTML/CSS, Python, UNIX, Ruby, PHP, SQL