

Daniel Ho

Portfolio | Daniel.Ho0703@gmail.com | [LinkedIn](#) | [GitHub](#)

WORK EXPERIENCE

Distro AI

New York, NY

Software Engineer Intern

Jun 2023 - Aug 2023

- Developed automated web scraping scripts using Crawllee Playwright, extracting data from over 200 manufacturer products, resulting in a 40% increase in data collection efficiency.
- Collaborated with team members to select optimal technologies for a robust and scalable messaging platform, leading to a 25% reduction in message delivery time.
- Contributed to the development of a cutting-edge messaging platform with Talkjs and Twilio, driving a 30% increase in user engagement and customer satisfaction.

Atriume

New York, NY

Software Engineer Intern

Jul 2021 - Aug 2021

- Utilized Google Analytics and Google Tag Manager to analyze usage data, identifying key areas for improvement and driving a 10% increase in user retention.
- Streamlined automatic testing for 130 new integration tests using Cypress, reducing testing time by 30% and ensuring product reliability for 99% of test cases.
- Developed comprehensive documentation and tutorials for Google Analytics and Cypress, enabling future employees to onboard efficiently.

PROJECT EXPERIENCE

Stay Booker

New York, NY

<https://github.com/Daniel-Ho986/stay-booker>

Jul 2024 - Aug 2024

- Designed and developed a full-stack hotel booking platform with secure user authentication, dynamic hotel search, and booking management using React, Node.js, and MongoDB.
- Implemented advanced features including hotel management for registered users, payment gateway integration, and search filtering by location, dates, and price.
- Developed and executed comprehensive end-to-end tests with Playwright to ensure seamless functionality and a high-quality user experience across the application.

Campsite

New York, NY

<https://github.com/Daniel-Ho986/campsite>

Apr 2024 - May 2024

- Developed a full-stack web application, utilizing Node.js, Express, MongoDB, and Mongoose, to enable users to browse, create, and review campgrounds, showcasing proficiency in backend development and database management.
- Implemented user authentication and authorization features using Passport.js, ensuring secure access to protected routes and resources, demonstrating expertise in user management and security practices.
- Integrated third-party services such as Cloudinary for image upload and Mapbox for geolocation, enhancing the application with modern functionalities and interactive mapping capabilities, showcasing adaptability and integration skills.

LEADERSHIP EXPERIENCE

Brooklyn College Mathematics Club

Brooklyn, NY

President

Jan 2022 - May 2022

- Led a team of 5 club officers, fostering effective collaboration and achieving successful event planning with a 20% increase in attendance.
- Developed a strategic roadmap for the club's future through quarterly planning sessions, resulting in a 15% increase in member engagement and retention.

EDUCATION

Brooklyn College, City University of New York

Brooklyn, NY

BS in Computer Science, Minor in Multimedia Computing (GPA: 3.8)

SKILLS & INTERESTS

Skills: HTML, CSS, JavaScript, TypeScript, React, Next, Node, Express, Git, Astro, MongoDB, Cypress, Web Scrape, Google Analytics, Google Tag Manager

Language: Cantonese, Mandarin