

Jonathan Michael Chiang

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TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, HTML5, CSS3
- **Technologies:** React, Context API, Next.js, Node.js, Express, MongoDB, PostgreSQL, GraphQL, Apollo Client/Server, REST, Axios

EXPERIENCES

Software Engineer (contract) **April 2022 - October 2022**
JPMorgan Chase & Co. New York, NY

- Utilized React and Typescript to refactor UI components for the Chase Web Application
- Worked with senior developers to optimize existing codebase for better reusability and readability
- Implemented custom privileges and hash navigations for conditionally rendering data points
- Applied Jest to perform unit testing to ensure features were performing as expected without side effects

Alumni Associate **November 2021 - January 2022**
Wiley Edge New York, NY

- Built a full-stack social media application utilizing MongoDB, Express, React, Node, and GraphQL (MERNG)
- Used React Hooks and React Router v6 to build a homepage where users can create and like/dislike posts
- Implemented GraphQL mutations/queries and Apollo Client to reduce the over-fetching of data
- Utilized JWT, bcrypt, and Context API to authenticate and store user information, allowing only the post creators to delete/edit their posts

Software Engineer **September 2021 - November 2021**
Sombra New York, NY

- Utilized Next.js and React Hooks to build out various front-end component of the site including a responsive navigation bar, dynamic lazy loaded NFT images, and a social feed with comments/messaging
- Tested and implemented new features including an accordion navigation, server side rendered meta tags, and conditional icon rendering based on tag filters
- Assisted the senior developer in maintaining website functionality and resolving user tickets when they arise

Marketing Analyst **November 2018 - November 2019**
OMD USA New York, NY

- Paced and optimized 70 daily digital campaigns on Facebook, Instagram, Twitter, and Pinterest, ensuring they were delivered in full/on target to pace in full
- Created and trafficked daily campaigns on multiple social media channels, ensuring all creatives, descriptions, target audiences, and locations were correct
- Issued weekly campaign reports to clients, ensuring consistency and accuracy with actionable insights

PROJECTS

Netflix & Admin Dashboard (MongoDB, Express, React, and Node.js) [Live Site](#) | [Github Link](#)

A Netflix-inspired full-stack web application where users can browse and watch their favorite movies/TV shows

- Designed an Admin dashboard where users can create, update, and delete movies, list, and users
- Employed the use of React Context API for state management, allowing for global data to be passed down to the child components more efficiently, reducing the issue of prop drilling
- Developed backend and frontend logic to randomize the featured movie on each client page
- Implemented RESTful API routes to serve AXIOS requests to create, read, update, and delete data for a more dynamic component rendering experience

EDUCATION

Fullstack Academy **2020 - 2021**
• 17-week program covering full stack web development and computer science fundamentals

University at Buffalo - Buffalo, NY **2018**
• Bachelor of Science in Business Administration *Cum Laude Honors*