

Jonathan Shih

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Professional Experience

Wayfair | **Software Engineer**

July 2022 – December 2022

- Optimized reusability of over 1000 lines of code, increasing developer speed by 25%
- Communicated directly with business users to understand, refine and resolve bugs on SQL intermediate tool
- Implemented REST API allowing for CRUD functionality on SPDB

Club (Student Club Mobile App Startup) | **Software Engineer**

Jun 2020 – Apr 2022

- Developed and maintained front-end code for Club's MVP using Flutter and Dart through collaboration with the UI/UX team
- Coordinated with the CEO and COO to design and optimize back-end code for Club's first iOS MVP by reducing code complexity
- Established Club's digital presence, created marketing material using Adobe Creative Suite to increase user engagement by 150%

i-Click Interactive | **Marketing, IT, Sales Analyst**

Jun 2021 – Aug 2021

- Designed and created 10+ company pitch decks using tools like Microsoft PowerPoint, Adobe Creative Suite
- Conducted and Analyzed A/B tests to eliminate inefficient advertisement and improve click rate by 12%
- Curated and assessed user stories to ensure ad engagement

Projects

Covey Town Auth

March 2022

- Integrated user authentication through Auth0 and user profiles stored in MongoDB to existing web game. Users are able to update and view user information in game
- Users can create public and private quick notes through integrated Markdown UI. Notes are viewable and editable in and out of game

MemeDB

Apr 2022

- Built a JavaScript website utilizing Nodejs, React and Redux
- Fetched from data Imgflip API. Through integration with MongoDB, users are able to save, like and comment on memes
- Implemented simple password authentication, users are able to signup and log in to view past interactions by them/other users

Education

Northeastern University

BS in Computer Science and Design

Expected May 2024

GPA: 3.86,

Dean's list all semesters

Relevant Coursework

Computer Science:

Fundamentals of Software Engineering, Web Development, Object-Oriented Design, Algorithms and Data, User Experience and Interaction, Discrete Structures, Fundamentals of Computer Science 1 & 2 (Java)

Design:

Color and Composition, Typography 1 & 2, Design Process Context/Systems

Skills

Coding Languages:

Java, JavaScript, HTML, CSS , Typescript, Python, PHP, Dart

Tools and Applications:

Git/Github, Visual studio code, IntelliJ, Eclipse, Figma, Adobe Creative Suite, Nodejs, React, Redux, DataGrip

Languages:

English (Native), Mandarin Chinese (Fluent), Cantonese (Fluent)