

Yuhao Chen

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WORK EXPERIENCE

Software Engineer

May 2023 – Present

StackAdapt · Permanent Full-time

- Contributed to the UI and backend services for the creative library, allowing advertisers to customize and visualize their ad creative assets on the web platform. ([React](#), [Typescript](#), [GraphQL](#), [Ruby on Rails](#))
- Refactored the data store component with auto generated data selectors, removing ~1000 lines of code duplication. ([React](#), [Typescript](#))

Software Development Engineer

Aug 2022 – Dec 2022

Amazon · Internship

- Contributed to Ads measurement data ingestion and reporting infrastructure. Built a tool to keep track of the usage statistics and the aggregation logics of all the metrics across our Elasticsearch indices. It provides insights to help the team identify errors in our ETL pipelines, significantly reducing our customer tickets processing time. ([Java](#), [Python](#), [AWS](#), [PostgreSQL](#), [React](#))

Software Engineer

Jan 2022 – Apr 2022

Wish · Internship

- Added web components and backend services for the merchant-facing dashboard. ([React](#), [Typescript](#), [Python](#), [GraphQL](#))
- Built a Javascript code deprecation analysis tool by analyzing and parsing abstract syntax trees. Deprecated more than 200 legacy files with more than 30,000 lines of code. ([Node.js](#))

Software Developer

May 2021 – Aug 2021

RSVP.ai · Internship

- Designed and developed a prototype of web monitoring system. The system has helped the team to identify user preferences and provided key insights into the bugs that occurred to users. ([React](#), [Redux](#), [Node.js](#), [Typescript](#))
- Added code splitting for the NLP web platform for 56% faster non-cached initial load time. Added tree-shaking for Lodash that reduced the overall bundle size by 12%. ([Vue.js](#), [Webpack](#))

Front-end Developer

May 2020 – Jan 2021

ByteDance · Internship

- Contributed to the internal WYSIWYG web builder, adding multiple draggable components with built-in business logic. The web builder enabled rapid construction of mobile compatible promotional pages with millions of page views. ([React](#), [Redux](#), [Typescript](#))
- Developed a UI library of customizable swipers, which were applied to the end-of-year summary pages across three product lines, totalling more than 9 million page views. ([React](#), [Typescript](#))

SELECTED PROJECTS

FileGPT (Co-founder)

March 2023 – Present

<https://filegpt.app>

A web application that reads and understands files, audios, and videos with GPT-powered AI, and enable users to chat with their documents in natural language and get quick and accurate responses to their queries. The web app has recently gained 10,000 users. ([React](#), [Typescript](#), [Python](#), [Node.js](#))

SKILLS

Languages: JavaScript, Typescript, Python, C/C++, Java, Ruby, HTML, CSS, SQL, GraphQL

Frameworks and Tools: React, Redux, Vue.js, Node.js, Ruby on Rails, Tornado, AWS, Webpack, Git

Protocols: HTTP, WebSocket, TCP, UDP

EDUCATION

Bachelor of Computer Science

Sep 2019 – Apr 2023

University of Waterloo, Waterloo, ON