

Zijian Yan

Software Engineer

WITH A BACKGROUND IN THE ARTS

EXPERIENCE

Senior Software Engineer

HAVAS // NEW YORK // 2020

Established coding best practices, style guides, and DevOps workflows. Led system design and selection of technologies at the start of each project. Created a Gitflow methodology with code reviews. Mentored junior developers on comp-sci fundamentals and writing modular, reusable, and maintainable code.

Frontend Engineer

MONGODB // NEW YORK // 2019-2020

Developed and maintained MongoDB's customer-facing websites and internal employee tools as part of MongoDB's talented web team.

Fullstack Developer

HAVAS // NEW YORK // 2019

Collaborated with designers to implement CSS/SASS with precision. Worked tightly with backend developers to architect MySQL database models and design REST API's. Wrote clean, maintainable, and scalable code.

Software Engineering Teaching Fellow

FULLSTACK ACADEMY OF CODE // NEW YORK // 2018-2019

Mentored students in Fullstack Academy's renowned software engineering program. Performed code reviews and provided feedback for Node and React applications. Hosted weekly workshops to study data structures and algorithms.

Creative Lead & Senior Web Designer

WONDERIST AGENCY // SAN DIEGO, CA // 2015-2018

Spearheaded the hiring, tooling, and expansion of web development and design departments. Created stunning websites and digital branding.

PROJECTS

IBM Journey to AI [IBM.COM/ANALYTICS/JOURNEY-TO-AI](https://ibm.com/analytics/journey-to-ai)

REACT + IBM CARBON DESIGN SYSTEM + DRUPAL EXPERIENCE

A marketing experience that integrated advanced CSS/JS animation with IBM's existing API's, design system, and unit testing framework.

MongoDB.com [MONGODB.COM](https://mongodb.com)

PREACT + NODE + MONGODB CUSTOM CMS

A CMS built on custom component libraries and user-friendly GUI that allowed hundreds of employees to create pages and content for MongoDB.com.

Arcadia [HAVASARCADIA.COM](https://havasarcadia.com)

VUE + D3 + IBM WATSON ADVERTISING ANALYSIS PLATFORM

An industry-leading marketing research tool built with IBM Watson's artificial intelligence, D3.js data visualization, MySQL, Node, and Vue.

CONTACT

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SKILLS

Frontend

HTML, CSS, SASS, JavaScript, React, Redux, Vue, Typescript, D3, Wordpress, Gatsby.js, Webpack, Babel

Backend

Node, Express, Sequelize, SQL, NoSQL, MongoDB, REST APIs, Authentication, Websockets, Jenkins, Heroku, Travis CI

Fundamentals

Git, Gitflow, Data Structures and Algorithms, TDD and Unit Testing, Code Reviews, Continuous Integration/Deployment, Agile Methodology

Creative

Sketch, Figma, InVision, Full Adobe Suite, Unreal Engine

EDUCATION

Fullstack Academy

NEW YORK, NY

Software Engineering

Columbia University

NEW YORK, NY

MFA in Film Directing

New York University

NEW YORK, NY

BA in Cinema Studies
and Music Composition

HONORS

Adobe Design Awards Finalist
Alfred P. Sloan Grant Winner

INTERESTS

Painting, composing music, game dev, and the common good.