

# Justin Hu

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## EXPERIENCE

### Relativity

Chicago, IL

Advanced Software Engineer

April 2023 – Present

- Led a build system migration from legacy System.js/JSPM to Webpack, achieving a 45% reduction in build times and a 38% decrease in bundle size. The rollout of this significant change resulted in zero P1/P2 incidents.
- Contributed 5+ components to a framework-agnostic design system used across 10+ applications, resulting in 500+ total hours of time savings per component for company reinvestment.
- Spearheaded integration of LaunchDarkly for feature flagging and OpenTelemetry for monitoring, replacing our outdated in-house systems. This reduced our maintenance costs and improved system reliability and performance.
- Maintained Relativity Forms, a frontend application written in JavaScript used by thousands of global users to manage data input for legal document metadata.
- Led a team of 20 in the conception and execution of a Relativity Help Center hackathon project, enabling clients to access support resources within the Relativity platform. This project won the People's Choice award and is in active development for production release.

Software Engineer

June 2021 – April 2023

- Converted a legacy .NET Web Service to .NET Framework that retrieved, aggregated, and cached 15 system settings from disparate SQL tables for UI display. This conversion supported company efforts to deprecate single-tenant web servers in favor of multi-tenant Kubernetes microservices.
- Developed a team onboarding and documentation process, which facilitated knowledge sharing and reduced onboarding time for new engineers.

### USC Information Technology Program

Remote

Teaching Assistant

January 2021 – May 2021

- Assisted students with their full-stack class assignments by hosting weekly virtual office hours.
- Collaborated with the professor to improve the curriculum and address student questions.
- Reviewed 100+ assignments for good responsive web design patterns and working CRUD operations.

### Relativity

Remote

Software Engineer Intern

Summer 2020

- Contributed to the Aero Design System used by over 500 internal engineers and deployed to a worldwide customer base.
- Fixed three critical defects prior to public release of a product-wide user interface redesign.
- Wrote C#/.NET integration test suites to increase our deployment confidence, resulting in our release cadence improving from once per month to on-demand via CI/CD.

## SKILLS

- *Computer Languages:* Typescript, JavaScript, C#, HTML, SCSS/CSS, SQL, C++, Python, Java, C
- *Frameworks:* Stencil.js, .NET, Jest, React, Node.js, Cypress
- *Tools:* Webpack, Git, Storybook, Github Copilot

## EDUCATION

University of Southern California, Viterbi School of Engineering

Los Angeles, CA

Bachelor of Science, Computer Science

August 2017 – May 2021

Honors: Magna Cum Laude, USC Presidential Scholarship Recipient, Thematic Option Honors Program