

# 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 50+ applications, resulting in 1000+ 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- Spearheaded integration of LaunchDarkly for feature flagging and OpenTelemetry for monitoring, replacing our outdated in-house systems.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.
- 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**

**January 2021 – May 2021**

*Teaching Assistant*

*Remote*

- 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**

**Summer 2020**

*Software Engineer Intern*

*Remote*

- 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**

**May 2021**

*Bachelor of Science, Computer Science*

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