

# DAN JUTAN

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## EDUCATION

**Georgia Institute of Technology**  
Bachelor of Science in Computer Science  
Concentrations in People and Theory

December 2025  
Atlanta, GA

## EXPERIENCE

### Technical Writer

March 2022 – April 2023

*Astro Technology Company*

*Remote*

- Composed, edited, and maintained documentation pages and tutorials for a web framework with over 1 million monthly downloads
- Led user research and tracked feedback for the product's first interactive tutorial
- Managed open-source contributions and partner content
- Hosted a weekly community meeting for contributors

### Frontend Engineer

Aug 2019 – July 2022

*Digital Humanities Lab, Emory University*

*Atlanta, GA*

- Led the project team, maintained the Vue codebase, and developed content for Data by Design, an upcoming interactive book on the history of data visualization
- Coordinated between the project's authors, designers, and developers, including training new team members
- Developed and maintained a custom content management system integrated with Google Docs and Vue

### Product Intern

Dec 2021 – March 2022

*402 Studios*

*Remote*

- Conducted, analyzed, and presented generative user research focused on content creators and consumers
- Recruited and trained a UX intern

### Undergraduate Researcher

Aug 2019 – Aug 2020

*Digital Integrative Liberal Arts Center, Georgia Tech*

*Atlanta, GA*

- Led the first funded, undergraduate-run research team in the Digital Integrative Liberal Arts Center
- Published an open-source JavaScript library and an interactive web-based recreation of the Talmud
- Partnered with the largest online library for Jewish texts on a data science project

## PROJECTS

### Songshed | Vue 3, Nuxt

April 2024 – Present

- Designed and developed a novel, responsive, grid-based user interface for guitar tab composition
- Implemented multi-select, drag-and-drop, text and SVG annotations, chord charts, time changes
- Built custom directives to reactively connect SVG lines between elements, even as they are broken into new lines

### Neurostream | React, RxJS

January 2025 – Present

- Led development for a research team under the chair of the School of Psychology at Georgia Tech
- Built an interactive visualizer and data collection tool for EEG data used in a human-research study
- Documented and extended the open-source Muse-JS library

## SKILLS

**Web:** HTML, CSS (+ Tailwind), JavaScript, TypeScript; React, Solid, Vue, Astro, Next, Nuxt, D3, Node, Markdown, MDX  
**AI tooling:** Tastefully using Claude Code, Cursor, and spec-driven development  
**Communication:** Technical writing and documentation; teaching and public speaking; livestreaming and video  
**Product:** User research, UX design, community management

## TALKS AND PUBLICATIONS

**Simplifying Reactivity with SolidJS** – React Brussels, 2022. A lightning talk to 200+ attendees with 20,000+ views on YouTube, explaining fine-grained reactivity and comparing SolidJS to React  
**Vite for Education** – ViteConf, 2022. A lightning talk demonstrating a tool for creating interactive tutorials in the browser  
**Data by Design: An Interactive History of Data Visualization, 1789-1900** – Forthcoming from The MIT Press