Nicholas **Chiang**

Software Engineer ⊠ Web Development

Provo, Utah ⊠ No visa sponsorship required to work in the US

cv⊠nicholaschiang.com ⊠ nicholaschiang.com ⊠ nicholaschiang ⊠ nicholaschiang

Skills

Programming TypeScript, Python, Java, C, CSS
Technology React, Svelte, Tailwind, Remix, Next.js, SQL

Experience

Software Engineer — *Provo, UT*

Alation ⊠ alation.com — *2025-05⊠Present*

- Building the user interface for Alation⊠s AI platform.

Software Engineer — *Menlo Park, CA*

Numbers Station ⊠ numbersstation.ai — *2022-06⊠2025-05*

- Helped build the company from day one through acquisition by Alation.
- Led frontend⊠ design, testing, CI⊠CD, hiring, tooling, framework decisions.
- Built the user interface for a state-of-the-art machine learning platform.

Founding Engineer — *San Francisco, CA*

Roote Foundation ⊠ roote.co — *2022-03⊠2022-08*

- Developed a web app for interacting with articles and the tweets about them.
- Harnessed Hive and Rekt rankings to categorize tweet and article feeds.
- Built an engine to sync data between Twitter and a Postgres database.

Software Engineer — *Palo Alto, CA*

Tutorbook ⊠ tutorbook.org — *2019-02⊠2022-07*

- Created a web app used by schools and nonprofits to connect students with volunteer tutors and mentors.
- Worked with two schools and three nonprofits that serve over 5000 students and 1000 volunteers.
- Drafted a privacy policy and a terms of use compliant with California⊠s CSDPA v2.
- Configured continuous integration for and wrote Cypress tests ⊠74⊠ code coverage⊠.
- Contributed to open-source libraries such as React, Next.js, RMWC, and the Firebase SDK.

Software Engineer — *San Francisco, CA*

Hammock ⊠ readhammock.com — *2021-04⊠2021-12*

- Developed a web app where you can enjoy reading and learning from newsletters.
- Decreased LCP by migrating client-side business logic to serverless API functions.
- Worked with Google⊠s OAuth2, People, and Gmail APIs.

Research Intern — *Palo Alto, CA*

Stanford University ⊠ sing.stanford.edu — *2018-09⊠2019-05*

- Designed a methodology for building hardware component knowledge bases using machine-learning.
- Extracted both textual and non-textual information to create relational databases for hardware components.
- Produced application studies that highlight how these databases make hardware component selection easier.

Publications

2020 **Creating Hardware Component Knowledge Bases with Training Data Generation and Multi-task Learning** — *ACM TECS*

Luke Hsiao, Sen Wu, **Nicholas Chiang**, Christopher R⊠, and Philip Levis

sing.stanford.edu⊠site⊠publications⊠tecs20hack.pdf ⊠ *github.com⊠lukehsiao⊠tecs-hardware-kbc*

2019 **Automating the Generation of Hardware Component Knowledge Bases** — *LCTES*

Luke Hsiao, Sen Wu, **Nicholas Chiang**, Christopher R⊠, and Philip Levis

sing.stanford.edu⊠site⊠publications⊠hack-lctes19.pdf ⊠ *github.com⊠lukehsiao⊠lctes-p27*