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.
- Mentored two other engineers to accelerate career-growth and skill development.

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 Ré, 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 Ré, and Philip Levis

sing.stanford.edu/site/publications/hack-lctes19.pdf · github.com/lukehsiao/lctes-p27