






Nicholas Chiang

Software Engineer  Web Development

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

 cv@nicholaschiang.com  nicholaschiang.com  [nicholaschiang](https://github.com/nicholaschiang)  [nicholaschiang](https://www.linkedin.com/in/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/lukehhsiao/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/lukehhsiao/lctes-p27 | |