


LINENG(VINCE) CAO

as **Software Developer**

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Stacks

Web (Proficient) JavaScript es6, TypeScript, React, Vue, Python, Nodejs, Jest(RTL), MongoDB, TailwindCSS, MongoDB, AWS, Firebase, Rollup, Storybook, Frame-motion, Cypress, Angular, Flask, GraphQL, PostgreSQL, Docker, Kubernetes, d3.js

Application (Proficient) Xcode, Swift, SwiftUI, React Native, Flutter

Others (Prior experience) Robotic Process Automation (RPA), Java (Android), C# (UWP), Unity, R, C++

Educations

M.S in Computer Science at **University of Southern California** Los Angeles, CA, Aug 2018 - May 2020

B.S. in Computer Science Major, Mathematics Minor at **Kean University** Wenzhou, China, Aug 2013 - May 2017

Employments

Software Engineer at **DeepScribe** San Francisco, CA, Jan 2020 - Present

- Builds and designs web based Portal, Telemedicine solution with private React library from company early stage, which is used by thousands of providers nationwide.
- Brings CICD and automations into early products' development and deployment with AWS, container and Github Actions knowledge.
- Participants in native iOS application development for bringing DeepScribe next generation practitioner application.
- Works closely with product, customer success and onboarding team for developing direct internal tooling.
- Integrates partnership vendors into products and providing customized support for customers.
- Involves dozens of interviews and takes role of mentor for recurring/onboarding events of engineering team.

FreeLancer Developer

N/A

- Created templates with React and Shopify liquid template language. (e.g. [/powerwell.ca](http://powerwell.ca))

Developer (Student Worker) at **USC Information Sciences Institute (ISI)** Marina Del Rey, CA, Nov 2019 - Jan 2020

- Designed a draggable React interface for DeterLab cyber experimentation (DEW) and made it a lot easier to access ([/github](https://github.com)).
- Turned DEW core python source code into a structured RESTful backend with Flask implementation.

Software Development Intern at **Bozhon (USA)** Santa Clara, CA, May 2019 - Aug 2019

- Developed MVC and Singleton Pattern automated inspection and raw image data processing application with .NET and C#s.

Web Development Intern at **SRIT Software** Ningbo, China, May 2018 - July 2018

- Involved into an internal trade & traceability platforms building project, with backend on Java Spring Boot, frontend on Mustache (one of logic-less templates), Jade, Echarts and Zepto.js.

Software Development Intern at **Oracle (China)** Beijing, China, Aug 2016

- Enhanced web responsive design for registration and login pages in Oracle BI Liquidity Management Reporting System.
- Contributed SQL queries with regular expressions to extract and refine duplicate entires from Oracle Database (RDBMS).

Selected Projects

use-tools, ([/github](https://github.com)) Jun 2022

- A group of self implemented reusable React hooks for making developer daily life easier. The library is published to NPM and GitHub registries with automated GitHub Actions and was used widely in my other personal projects.

use-d3, ([/github](https://github.com)) Sep 2022

- Hooks for integrating D3.js and Observablehq Notebook into React Data Visualization Project.

COVID-statistics, ([/github](https://github.com)) Aug 2020

- Visualizing real-time global COVID data with Nivo, Nextjs, TypeScript, Bulma and Framer-motion.

Foldable Side Panel (Chrome extension), ([/github](https://github.com)) Mar 2020

- A simple React implementation of a Chrome extension template for a foldable side panel, with Parcel, TypeScript and TailwindCSS.

Ghibli Hub, ([/github](https://github.com)) Nov 2019

- A React-Native based iOS & Android Application for displaying Ghibli Studio firm collections with GraphQL APIs.

Publications

Publication, **A Highly Customizable Parent-Child Word-Learning Mobile Game for Chinese Children with Autism**, ([link](#)) May 2017

Publication, **"One Doesn't Fit All": A Comparative Study of Various Finger Gesture Interaction Methods**, ([link](#)) Jun 2016