


# LINENG(VINCE) CAO

as **Software Developer, Front-end Developer & Full Stack Developer**

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## Skills

- **Full Stack (Proficient):** JavaScript ES6, TypeScript, Reactjs, Vue, Python, Nodejs, Jest(RTL), Cypress, MongoDB, TailwindCSS, Frame-motion, React-native, Flutter, Angular, Flask, MVC, RESTful Web Service, Docker, Kubernetes, Jenkins
- **Java /.Net (Proficient):** Java (Android), C# (UWP)
- **Others (Prior experience):** Unity, R, Swift, C++, Git, Agile, Maven, MySQL, Oracle, MSSQL

## Education

- M.S in Computer Science, **University of Southern California** *Los Angeles, CA, Aug. 2018 - May 2020*
- B.S. in Computer Science Major/Mathematics Minor, **Kean University** *Wenzhou, China, Aug. 2013 - May 2017*

## Employment

### Full Stack Engineer at **DeepScribe**

*San Francisco, CA, Jan. 2020 - Present*

- Connects with **Microsoft Graph API** as Team connector integration.
- Deliveries DeepScribe telemedicine web application crossing desktop and mobile with **React ecosystem**.
- Designs and implements web Portal daily used by providers nationwide.
- Contributes knowledge in **Lambda, ECR, ECS & EKS** during **AWS micro-service** workflow.
- Utilizes **Robotic Process Automation (RPA)** and reverse engineering skills.

### Frontend Developer (Student Worker) at **USC Information Sciences Institute**

*Marina Del Rey, CA, Nov. 2019 - Jan. 2020*

- Create a new draggable interface with **React DnD** for DeterLab testbed of distributed experiment workflows (DEW) cyber experimentation ([//bit.ly/2YNtvZR](https://bit.ly/2YNtvZR)).
- Integrate DEW **Python** library into structured **Flask RESTful** backend APIs..

### Software Development Intern at **Bozhon (USA)**

*Santa Clara, CA, May 2019 - Aug. 2019*

- Develop **MVC & Singleton design pattern**'s inspection application in **Csharp** for automation products.
- Build **.NET** libraries for raw image data processing for inspections in Visionpro.

### Web Development Intern at **SRIT Software**

*Ningbo, China, May 2018 - July 2018*

- Involve in web dev of internal trade & traceability platforms, for designing and building up static pages.
- Deploy visualized UI components from **Java Spring Boot** backend services with **Mustache** (one of logic-less templates) and **Jade**, bringing with **Echarts** and **Zepto.js** into the project.

### Software Development Intern at **Oracle (China)**

*Beijing, China, Aug. 2016 - Aug. 2016*

- Enhance responsive page design for registration & login in Oracle BI Liquidity Management Reporting System.
- Write **SQL queries** with **regular expressions** to extract and refine data inside Oracle Database (**RDBMS**).

## Selected Project

### COVID19-statistics, ([//bit.ly/36f3doi](https://bit.ly/36f3doi))

*Aug 2020*

- Created A **NextJS** web application with **RapidAPI** for visualizing real-time COVID data global and US domestic wide.
- Included the following selected libraries: **Nivo** for data visualization, **Bulma** & **Framer-motion** for style & **React-query** for real-time request fetching.

### CollapseSidePanel, ([//bit.ly/2wFFb7b](https://bit.ly/2wFFb7b))

*March. 2020*

- Designed a pure **React** implement **Chrome extension** with collapse features, fitting modern website layout design.

### vDanbooru React, ([//bit.ly/36lFH01](https://bit.ly/36lFH01))

*Oct. 2019 - present*

- Designed a **Flux** pattern of Anime image search **Typescript** web application with **BlueprintJS** & **Tailwindcss**.
- Integrated with **Github Action** for CI/CD. Hosted with **ExpressJS** Docker Container in **Heroku**.
- Connected to a real-time Backend-as-a-Service(BaaS) **Firebase** with authentication and **MongoDB** container for data management.

### Ghibli Hub, ([//bit.ly/2QLLvSn](https://bit.ly/2QLLvSn))

*Nov. 2019*

- Built **iOS** & **Android** movie info application with **React-native** framework async calling Open **RESTful** & **GraphQL** Apis.

## Publication

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](#)) *June 2016*