LINENG(VINCE) **CAO**

Seeking for Software Developer position in Winter/Spring 2020 (Full-time Intern) & Summer 2020 (Full-time)

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🔖 Skills

- Java /.Net Development (Proficient):   *Java (Android), Csharp (UWP)*
- Full Stack Development (Proficient):   *JavaScript ES6, TypeScript, Angular, Reactjs / Redux, Raect-native, Nodejs, MongoDB, PHP*
- Others (Prior experience):   *Python, SQL, Unity, R, Swift, C++, Docker*

🎓 Education

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

💼 Employment

Frontend Developer (Student Worker) at **USC Information Sciences Institute**, Marina Del Rey, CA   *Nov. 2019 – Present*

- Currently working on a front-end with visualization components for DeterLab testbed interface of distributed experiment workflows.

Full Stack Intern at **USTOSHOP**, West Covina, CA   *Oct. 2019 – Nov.2019*

- Implemented **MongoDB** connected poll pages with **Pug** template engine, **Bootstrap4** & **RxJS** libraries, and **Express** servering on Alibaba Cloud as back-end**,** supporting Google phone number validation, voting results visualization and user interaction.
- Working on **Electron** framework to build **Angular** & **Ant-design Zorro** desktop application for the logistics platform, using SheetJS js-xlsx library interacting with Excel files, deployed Electron auto-updating features from release branch.

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

- Developed WinForms applications utilized in automation industry products for inspecting by **MVC** and **Singleton Class** design patterns of **Csharp**.
- Built .Net DLL libraries for cropping raw image data from Visionpro by relevant edges, as a part of vision inspection in automation.

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

- Involved in developments of **5** responsive web-based internal Trade & traceability Platforms for tracking trade settlements inside agricultural and livestock markets.
- Deployed web pages by using logic-less templates, **Mustache** and **Jade**, utilizing libraries **Echarts** and **Zepto.js** to parse **Json** data from backend services on Java Spring Framework into visualized UI components.
- Created **JavaScript**-based navigation bar template fully controlled by Json, had been merged into platforms development.

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

- Enhanced responsive web layout design of registration & log-in web pages for Oracle BI Liquidity Management Reporting System.
- Wrote **SQL** queries paired with regular expressions extracting, refining data and cleaning up junk data with part of Bank of China Oracle Database (RDBMS).

🚀 Projects

Ghibli Hub, (*//bit.ly/2QLLvSn*)   *Nov. 2019*

- One **iOS** & **Android** mobile application by using **React-native** framework async calling public Open **RESTful** Apis (e.g. Studio Ghibli Api, TMDb Api), as well as AniList **GraphQL** Api, for fetching movie info and stage photos of firms made by Studio Ghibli.

vDanbooru React, (*//bit.ly/36lFH0I*)   *Oct. 2019*

- Designing a **Flux** pattern of **Reactjs, Redux** & **BlueprintJS** implemented Anime image search web application, featured with user sign-up, log-in, adding favorites to collections, sharing to social media and searching by tags.
- Backend is connected to a real time Backend-as-a-Service(BaaS) **Firebase,** using its authentication feature and **Firestore** database for user data monitoring.

eBay Product Search, (*//bit.ly/2oHaIC0*)   *March 2019*

- Implemented one material design native **Android** application in Java and two frontend **Angular7** & **PHP** web applications, with integrated calling eBay, Google image APIs, allowing user to search eBay products based on their keywords, filters, or geolocations.
- Created independent **NodeJS** & **Express** backend with documented **RESTful API**, process and router all frontend calls to deployed **AWS** Elastic Beanstalk**,** and **Azure** cloud servers for optimizing server responses, providing extensive scalability for all applications.

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*