

Da Zhang

Personal Portfolio – <https://da-zhang.com>

Location: Los Angeles, CA | E-mail: dazhang@da-zhang.com | Phone: (213)-431-9012

EDUCATION

University of Southern California (Los Angeles, CA)

Aug. 2017 – Dec. 2019

M.S. in Computer Science | GPA: 3.52

Jilin Agricultural University (Changchun, China)

Sept. 2013 – June 2017

B.S. in Internet of Things | GPA: 3.92

TECHNICAL SKILLS

Languages	Java, TypeScript, JavaScript (ES 6+), C#, Python, PHP, HTML, CSS/SCSS
Web Development	SpringBoot, NodeJS, NestJS, Express, GraphQL, Angular 2+, Bootstrap, WordPress, AWS, Hibernate, jQuery, Apache, Nginx, J2EE, gRPC
Tools	Git, NPM, Maven, Junit, Kubernetes, Docker, JMeter, WebStorm, Eclipse
Databases	MongoDB, Redis, MySQL, Oracle, PostgreSQL
Platforms	Linux, Android, Windows, Unix

WORK EXPERIENCE

Easyfind Company (Los Angeles, CA)

Apr 2020 – Current

Web Development Engineer

- Designed and implemented backend **GraphQL** API gateway via **NodeJS** (**NestJS** Framework) in **TypeScript** based on **Apollo Server**, **MongoDB** Atlas Cluster and **Redis** Cloud.
- Built up internal admin interfaces with **Quill WYSIWYG** editor and **Apollo Client** for **GraphQL** support using **Angular** 8 and **MDBBootstrap** Pro in **TypeScript**, **HTML**, **SCSS** and **jQuery**.

FedEx (Memphis, TN)

June 2019 – Aug. 2019

Software Development Engineer Intern

- Designed and built 3 distributed **microservices** communicated through **gRPC** protocol and **RabbitMQ** using **SpringBoot** in **Java**, created distributed cluster via **Kubernetes** with **Docker** containerization, which decreased the IBM main frame service costs by more than 70%.
- Utilized **LDAP** and **JNDI** to reduce the microservice re-deployment time to 0 (as a hotfix). Implemented automatic runtime error report sending via **Microsoft Teams**, **e-mail** and **SMS**.

Wilshire Financial Network (Los Angeles, CA)

May 2018 – Aug. 2018

Web Developer Intern

- Implemented 2 company websites with **SEO** and **SSL** certificate installed using **WordPress** on **AWS** EC2, which attracted over 200 potential clients per day reported by **Google Analytics**.
- Improved site stickiness by 22%, reduced loading time by 27% through developing user-friendly and cross browser compatible web interfaces using **PHP**, **HTML**, **CSS** and **JavaScript**.

Qiming Information Technology (Changchun, China)

May 2016 – Aug. 2016

Software Development Engineer Intern

- Implemented an educational live streaming **Android** app using **Android Studio** based on **Struts** 2, **Spring** and **Hibernate**, which supported 1,000 students and 50 professors at the same time.
- Utilized **Nginx** as load balancer and **JMS** as rate limiter to test against high volume requests sent by **JMeter**, achieved 11,000 QPS on average with 0 downtime in a 2-hour live test.