

# Churong Zhang

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5009 Sundown Dr. Plano, Texas 75023

## EDUCATION

B.S/ M.S in **Computer Science**, The University of Texas at Dallas, Richardson, TX August 2018 – May 2021

- GPA 3.6
- Fast Track Program: expected to receive CS master's degree within one year after B.S Degree

## Experience

**Software Engineer Intern - Intuit Inc. at Plano, TX 75024.** May 2020 – Present

- Full stack engineer for Proconnect Tax Online
- Designed, developed, and tested a notification system using **JavaScript, React, Redux**, which will notify the tax preparer when there are tax documents available to imported it into the tax return using text extraction from a file.
- Developing a file upload system such that the system will classify different tax documents into different forms and ready for the tax preparer to verify and import using **Java, Spring Boot, JavaScript, and React-Redux**.
- Connected the taxpayer and tax preparer online and improved the documents share experience between them.
- Significantly reduce the time that the tax preparers used when preparing the tax return for taxpayers.

**Software Engineer Intern - TouchPal Inc. at Santa Clara, CA 95054.** May 2019 – July 2019

- Worked on the architecture of the data pipeline for a large volume content system
- Improved the model's recognition by 12% by using **Python** in transforming NLP data collected from the Internet into model-compatible data
- Built a platform that use **Apache Jmeter** for Stress Testing on the Linux Server using **Python** and **Shell Script**
- Use **Logstash** to import daily logs from **Kafka** and export it to **Elasticsearch** then visualized it in **Kibana**

## SKILLS

- Scrum and Agile Development Process
- Java, JavaScript, Python, C++, Flutter, Swift, shell script.
- React, Redux, Spring Boot, Apache Jmeter, Logstash, Elasticsearch, Kibana, Kafka, Linux Terminal
- Git, RESTful, Visual Studio, IntelliJ IDEA
- Windows, Linux, Mac OS

**Personal Website:** <https://czhang1997.github.io/>

## PROJECTS

### SmileKnect (Tele-orthodontic Mobile App)

- Developed a mobile application for Tele-orthodontic solutions on both iOS and Android platform using **Swift** and **Java**.
- Implemented **Google Firebase** for user authentication and information storage.
- Created and trained voice enabled AI – bot (Virtual Care Navigator) using **Google Dialogflow**.

### UTD Course Book (Web Crawler)

- Use Http Client to get information from UTD Course Book and Rate My Professor in **Java**
- Input course number and term, then the program will collect data and display the results
- Results will show course name, number, time, location, Instructor name and the overall score if it exists