

Churong Zhang

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5009 Sundown Dr. Plano, Texas 75023

OBJECTIVE

To obtain an internship in computer science or related fields.

EDUCATION

B.S in **Computer Science**, The University of Texas at Dallas, Richardson, TX August 2018 – May 2020

- GPA 3.6
- Fast Track Program: expected receiving CS master's degree by May 2021

SKILLS

Technical Skills: Java, Python, C++, Swift, IOS Mobile app, Apache Jmeter, Apache Maven, Logstash, MIPS, Elasticsearch, Kibana, Kafka, Linux Terminal, GitHub commands, and shell script.

Operating System: Windows, Linux, Mac OS

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

Experience

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**

Instructor - Center for Computer Science Education & Outreach, UTD February 2019 – May 2019

- Teach basics of programming, children friendly programming tool like Alice to k-12 children as an instructor.
- Teach over 20 middle school students.

PROJECTS

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 and Instructor name and the overall score if it exists

IOS Currency App

- IOS application made for world travelers which provide real time exchange rate for 166 currencies
- For travelers in U.S, user can convert US Dollar to the currency they want including the sale tax base on the city they input.
- App language change based on the phone's system language.

COURSE PROJECTS

MST: (Java) Find the Minimum Spanning Tree using the Prim Algorithms and Kruskal Algorithms

PERT: (Java) Implemented graph algorithm Program Evaluation and Review Technique

UNO: (MIPS) Developed the card game UNO using assembly language MIPS

SkipList: (Java) Designed a data structure base on the theory of SkipList
