OLIN ZHOU

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EDUCATION

Texas A&M University *August 2017 - May 2021*
Bachelor of Science in Computer Science GPA: 3.866

TECHNICAL SKILLS

Languages	Java, JavaScript, C++, Python, MATLAB, SQL, Bash Script
Web Development	React, Node.js, Express.js, Bootstrap, HTML, CSS
Tools	MySQL, AWS Lambda/API Gateway, Unix, OpenStack

WORK EXPERIENCE

MathWorks Summer 2020
EDG Intern
· Automated MathWorks' platform testing process by writing bash scripts that create OpenStack instances to host MATLAB containers
· Created a web UI and Java API to display and filter testing jobs in MathWorks' internal database based on operating systems, clusters, and MATLAB release versions
· Bash Script, OpenStack, Java, GlassFish, SQL, React

Tyson Foods Summer 2019
Full Stack Intern
· Created a responsive and cloud based web intake form to store Tyson Foods' truck incidents for the transportation department and saved Tyson Foods $40,000
· React, NodeJS, AWS Aurora, AWS Lambda, Docker, Kubernetes

Texas A&M University Spring 2019
Undergraduate Teaching Fellow (Newtonian Mechanics)
· Led weekly classes that helped underclassmen understand physic concepts related to mechanics by diving deep into physics problems and holding review sessions

PROJECTS

Stock Alert
· A web application that alerts users by either text or phone call based on the current and desired stock price of their choosing
· React, NodeJS, ExpressJS, AWS Lambda, Twilio API

Road Conditions
· A web application that maps weather details on a static map image based on the user starting and ending location
· Calculates the weather condition every 30 minutes on the route
· React, NodeJS, Google Maps API, Open Weather API

Discord Voice and Image Bot
· A bot that searches through Reddit for images and sends relavent content to users with chat commands
· Can also play voice files/reactions based on user input
· Python, Discord.py, PRAW API

EXTRA-CIRRUCULAR

TAMU Hackathon 2019

TAMU SASE (The Society of Asian Scientists and Engineers)

TAMU VSA