

Olin Zhou

COMPUTER SCIENCE MAJOR · BUSINESS MINOR · TEXAS A&M UNIVERSITY

☎ (+1) 469-258-4537 | ✉ olin.zhou.0@gmail.com | 🏠 www.olinzhou.com

Education

Texas A&M University

B.S. IN COMPUTER SCIENCE, MINOR IN BUSINESS

- GPA: 3.866

College Station, TX

August 2017 - May 2021

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

Experiences

MathWorks

EDG INTERN

Natick, MA

May. 2020 - Aug. 2020

- 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

FULL STACK INTERN

Springdale, AR

May. 2019 - Aug. 2019

- 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

UNDERGRADUATE TEACHING FELLOW (NEWTONIAN MECHANICS)

College Station, TX

Jan. 2019 - May. 2019

- Led weekly classes that helped underclassmen understand physic concepts related to mechanics by diving deep into physics problems and holding review sessions

Projects

Take a Break, Grab a Cookie

Jul. 2020

MATHWORKS HACKDAY

- A Windows application that reminds the user to take a break and dims the screen based on a preferred time
- C#, .NET Framework

Stock Alert

Jan. 2020

PERSONAL PROJECT

- A web application that alerts users by either text or phone call based on the current and desired stock price of a given ticker
- React, NodeJS, ExpressJS, AWS Lambda, Twilio API

Road Conditions

Sep. 2019

PERSONAL PROJECT

- 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

Jan. 2019

PERSONAL PROJECT

- 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