

Yang Zhou

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JavaScript | Python | Java | React | Angular | Node | Spring Boot | Django | SQL | MongoDB | HTML | CSS | Git

EDUCATION

Code Platoon Full-Stack Web Development	Oct. 2020 - Jan. 2021
University of Oklahoma Norman, Oklahoma GPA: 3.75	Aug. 2012 - May 2017
<ul style="list-style-type: none">Honor Graduate from accelerated program in Petroleum Engineering	

EXPERIENCE

JPMorgan Chase	Mar. 2021 – Present
Software Engineer	Chicago, IL

- Selected as a founding developer of the Configurator team (Corporate & Investment Banking), which provides a seamless UI experience for users and reduces amount of time needed for onboarding new clients to use the firm's services
- Designed the contracts for integration between three other teams and coordinated the communication to implement the contract with zero escalations and minimal timeline extensions
- Collaborated with the product owner in writing stories and elaborating business requirements to other developers to maintain adequate development speed of the team
- Presented recommendations for design for the most challenging business requirement of the project to leadership team of 3 for product migration to our service and successfully implemented the design in our application
- Built extensive test coverage for both frontend and backend projects, worked extensively with QA to ensure consistent operation of the application to client satisfaction

U.S. Army	Apr. 2016 – Present
Squad Leader	Chicago, IL

- Led a 200+ soldier unit as the only biomedical equipment officer, executed maintenance, audited on medical equipment, and generated reports to the senior leaders
- Served as squad leader and supervised team of 5 to help junior soldiers achieve and go beyond their military responsibilities and provided guidance whenever needed

Philips Healthcare	Oct. 2019 – Jun. 2020
Field Service Engineer	New York City, NY

- Assembled, calibrated, and tested a wide range of medical equipment for over 500 clinics to the highest standard with zero monthly quota carryover. Prioritized customer relations by ensuring their malfunctioning equipment were accounted for the same day
- Collaborated with a team of 3 to inspect over 1,000 medical equipment within two weeks as a part of NY government's mission to host increasing number of covid-19 patients during the peak of pandemic

Integrated Poro-Mechanics Institute	Feb. 2014 – Dec. 2016
Research Assistant	Norman, OK

- Selected as the only undergraduate student to work with Dr. Abousleiman on the role of poromechanical research
- Formulated analytical solutions for shale permeability estimation based on beam bending test utilizing Mathematica

University of Oklahoma	Jan. 2016 – Dec. 2016
Teaching Assistant	Norman, OK

- Created quizzes, homework, and exams and hosted office hours for a 200-students and a 60-students engineering class
- Established consistent communications with the instructors and students to ensure the smooth progression of the course and received numerous compliments from the students and acknowledgments from the instructors

PROJECT

ML project on Computer Vision - Dog Breed Classifier | [Demo](#)

Plotted deep learning model by adapting transfer learning on a dataset of over 20k images with VGG16 and ResNet50 neural network. Advanced the model accuracy to 80% using data augmentation technique

Web Application - SnowMountainInfoApp | [Link](#)

Built and deployed full-stack application with React, Django and Postgresql supporting CRUD operations. Utilized MapBox and OpenWeather API to generate interactive map displaying snow mountains in the US with weather information

Web Application - PhotoApp | [Demo](#), [Link](#)

Completed full-stack application supporting CRUD operations utilizing Angular, Node and MangoDB. Incorporated responsive design and MVC architecture