

Yang Zhou

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EDUCATION

Georgia Institute of Technology | Master of Science in Computer Science
Code Platoon | Full-Stack Web Development

Expected Graduation Date: Dec. 2025
Oct. 2020 - Jan. 2021

TECHNICAL EXPERIENCE

JPMorgan Chase - Software Engineer

Mar. 2021 – Present

Chicago, IL

- Led the implementation of React component from scratch for a client facing web app, which reduced 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
- Worked with the product owner in writing stories and elaborating business requirements to other developers to maintain adequate development speed of the team
- Offered recommendations for design for one of the most challenging business requirements 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

PROJECTS

ML project on Computer Vision - Dog Breed Classifier | [Youtube](#), [Notebook](#) (open with Google Colab)

- Applied transfer learning on a dataset of over 20k images with VGG16 and ResNet50 neural network to train a deep learning model classifying dog breed
- Implemented Data Augmentation technique to improve the model accuracy to nearly 80%

CRUD Application - SnowMountainInfoApp | [Link](#), [Github](#)

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

CRUD Application - PhotoApp | [Youtube](#), [Link](#), [Github](#)

- Built and deployed application with MEAN stack supporting CRUD operations and interacting with MongoDB to store data
- Incorporated responsive Angular application with Node.js backend following MVC architecture to let users register and post their photos for sharing

TECHNICAL SKILLS

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

GENERAL EXPERIENCE

U.S. Army - Biomedical Equipment Specialist

Apr. 2016 – Present.

Chicago, IL

- Received two phases of trainings from Department of Defense and graduated both with the highest honors among class
- Provided preventative maintenance for medical equipment to support critical military healthcare operations around the globe
- Served as squad leader and supervised team of 5 to help teammates achieve their highest potential in military career and provided guidance and help whenever needed

Philips Healthcare - Field Service Engineer

Oct. 2019 – Jun. 2020

Metro New York, NY

- Performed preventive maintenance, repairs, tests and calibrations on a wide variety of equipment for over 500 clinics in New York Metro Area
- Worked 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
- Received recognition four times by manager for helping the team build strong customer relations and meet industry compliance

HONORS & AWARDS

- Army Basic Combat Training Honor Graduate
- Army Advanced Individual Training Honor Graduate
- Undergraduate Academic Scholarships (3 years)
- International Leadership Scholarships (2 years)