TONG WANG

full stack software engineer/Machine Learning

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Github: https://github.com/YoduYodu LinkedIn: https://www.linkedin.com/in/wang7ong/ Website: https://yoduyodu.github.io/

EDUCATION

University of San Francisco (Aug 2018 to May 2021)   GPA - 3.89

Master's degree in Computer Science

Selected Courses: Object-Oriented Programming // Data Structure & Algorithms // Modern Parallel Programming // Data Visualization // Discrete Math // Advanced Algorithms // Software Development Principals

Tongji University(2010-2015)

Bachelor's degree in Architecture

WORK EXPERIENCE

Software Engineer Intern at Amazon(May 2019 - Aug 2019)

- Overall, built an internal application to automate onboarding process by accomplishing user experience design, system design, and back-end implementation.
- Designed an extensible system to handle multi-tenant requests.
- Designed and built multiple RESTful APIs to get resources, validate inputs, and process onboarding.
- Held design meetings and demo with the team.
- Worked with Linux/Unix, wrote solid unit tests, and pushed my production code to the code base.

Designer on tezign.com (Sep 2016 - Sep 2017)

- Focused on interior, graphic, UI&UX design.

Cofounder at Yichou Co.(Sep 2015 - Aug 2016)

- Built an off-line advertisement service for Uber, DiDi drivers.

PERSONAL PROJECTS

Natural Language Processing model(**PyTorch, Jupyter, deep learning, NLP**)

- Create language *model* trained on a large corpus Wikipedia.
- Fine-tune this language model using custom target corpus.
- Extract the encoder from this fine tuned language model, and pair it with a classifier and fine-tune this model.

Movie Recommender web app(**Java, MySQL, HTML, CSS**)

- Implemented UI and functionality using **Apache Velocity Engine, HTML, CSS**.
- Implemented server including database maintaining, user authentication, session handling by using **Java Servlet, MySQL.**

Data visualization for US housing market(**Javascript, D3.js, Tableau**)

https://usf-cs360-spring2019.github.io/project-YoduYodu/

- Analyzed data, and designed prototypes using **Tableau.**
- Implemented interactive data visualizations using **Javascript**, **D3.**

Shipment tracking system(**React.js, Node.js, Express.js, MongoDB**)

- Created UI for users to manage their shipment tracking history using **React.js**.
- Implemented backend system to operate on **Ship engine APIs**, **MongoDB** using **Node.js**, **Express.js**.

SMS with Twilio APIs(**Python, Flask**)

- Set up a twilio SMS-enabled Twilio phone number and send/receive messages with it using **Twilio APIs**.

ACTIVITIES

- Attended a LGBTQ event - Lesbians Who Tech + Allies Summit.

AWARDS

- Graduate: MSCS Scholarship for Excellence.
- Undergrad: Academic scholarship of College twice(15%), honor class student of college(21 out of 400), academic Scholarship of University, baseball team leader.

SKILLS

Java,Python,Javascript,C,Node.js,MongoDB,PyTorch,deeplearning,Flask,SQL,HTML,CSS,Spring,MySQL,React,Git,AWS,D3.js,Tableau,MPI,Pthread,Apache Velocity Engine,Linux,Unix