LU, **Shaohao**

Backend Developer·Algorithm Engineer

☎ (+852) 6660 0504 / (+86) 15521268375 | ✉ lushaohao3@gmail.com | 🏠 bravolu96.vercel.app | 🐙 Bravolu | 💼 shaohao-lu-a6a307248

Summary

I am a seasoned software developer hailing from Zhuhai, Guangdong, Mainland China, with a dedicated two-year tenure as a software engineer at Tencent Financial Technology. My professional journey has been marked by active participation in the enhancement of service infrastructure and its seamless deployment on cloud platforms. In addition to my technical prowess, I possess a comprehensive understanding of financial domains, including account systems, capital flows, and Forex. In my spare time, I will do some personal project, sharing and post it on my personal website.

Notably, I got the Hong Kong ID through the Top Talent Pass Scheme this year. My linguistic capabilities extend to proficiency in Cantonese and Mandarin, and I am also adept in English for daily communication.

Experience

Tenpay Technology Co., Ltd.
Shenzhen, China

Backend Developer · *July. 2021 - July. 2023*

- Upgrading the first microservice from the old infrastructure (fable) to the new infrastructure (tRPC) in the team, ranging from the components adaption, the change of protocol.
- Actively participating in the seamless deployment on cloud platforms. Changing the module which doesn't support on cloud platform to cloud-friendly one. Successfully deploying a service on Tencent Cloud and the service is running normally.
- In charge of the inner message platform, a platform for managing the text, sending rules and target user of WeChat message. Participating all the aspects of this platform, from the user interface design, front-end development, back-end development to self-testing.

Tencent Youtu Lab
Shanghai, China

Algorithm Engineer Intern · *March. 2020 - July. 2020*

- Using data augmentation for training the classifer on Tencent Cloud to filter the illegal images, like the pornographic, bloody pictures, etc.
- Conveying the ablation study on business dataset among different models.
- Participating in the research of image classification and propose a paper on ACM'MM conference.

Stacks

Backend, Frontend Engineer
Tencent. Co., Ltd.

Software Engineer · *July. 2021 - Present*

- Program language: C++, Go, Python, Javascript
- Protocol: gRPC, protobuf, http/https
- Components: Mysql, Redis, Pulsar
- Framework: gRPC-go, React

Algorithm Engineer
SYSU, Tencent Youtu Lab

Master student and Intern · *July. 2019 - July. 2021*

- Deeplearnig framework: Pytorch, Tensorflow.
- Computer vision: model, training skills.

Education

Sun Yat-Sen University
Guangzhou, China

Master's Degree in Computer Science and Engineering · *Sept. 2019 - June. 2021*

Sun Yat-Sen University
Guangzhou, China

Bachelor's Degree in Computer Science and Engineering · *Sept. 2015 - June. 2019*

Publications

Discriminator-Free Generative Adversarial Attack
ACM MM

First Author · *October, 2021*

Propose a discriminator-free generative-based adversarial attack method, which can be used to train a robust model.

Image processing method and apparatus, device, and storage medium
US Patent

First Author · *March, 2023*

The patent based on the algorithm I propose on ACM'MM, which is used for data augmentation.