

Hello!

I'm a programmer who enjoys making data visualizations, experimenting with web applications and Android applications, and building new things.

At my last internship, I worked with convolutional neural networks to digitize a client's bank onboarding process. We created a model to verify a face and a selfie, as well as read the text from the ID and automatically fill out fields. I took it upon myself to learn Android App development to connect host these Machine Learning models on a user-friendly interface. Although it was my first time touching upon these subjects, I was excited to get to learn on my feet and interact with my coworkers so much. It taught me the importance of communication not just with other engineers, but with all other disciplines. Furthermore, going headfirst into these new subjects allowed me to recognize that accepting feedback and considering where other's perspectives come from are important for my growth as a programmer and a human.

At my current internship, I started off new to data visualization and computational biology. Many of the websites and graph models in my laboratory's field (gene enrichment) were clunky, and thus challenging to engage with wider audiences. I took it upon myself to improve upon this by prototyping a sample of data and prettifying it using D3.js, that eventually will embed into a a more elegant-looking web interface. As a computer scientist interested in design, I'm excited to be expanding the usage of these models as accessible research and education tools.

Thanks so much for considering my application!

Xueyan Mu

xm14@rice.edu

+1-724-766-2555