Shudipto Trafder

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in https://www.linkedin.com/in/iamsdt
http://github.com/iamsdt
🌐 https://iamsdt.github.io/MyPortfolio

Passionate computer programmer, problem solver, specialized in deep learning and android app development. For deep, specialized in PyTorch and have experience in GAN, and Computer Vision working with a wide range of industries from agriculture to healthcare. And also have 3 years of experience in android app development.

Professional Skills

- ❖ **Deep Learning**: Pytorch, Tensorflow, Matplotlib, NumPy, Pandas
- ❖ **Android**: Architecture component, MVVM, Databinding, Navigation Component, Paging, Work manager, Jetpack, Firebase Database, Retrofit, Dagger 2, Kotlin Coroutines, Rx Java, Material Design
- ❖ **Project Management**: Git
- ❖ **Programing Languages**: Python, Kotlin, Java, Dart

Experience

- ❖ **Android App Developer:** at **LingJ**, Co-founder**.** (Jan, 2019 – current)
- ❖ **Freelance Android App Developer:** On online market place mostly in Fiverr and work for client, from starch to complete production ready app**.** (Jan, 2018 to Jun, 2019)

Projects

- ❖ **Deep Learning:**
    - ❖ **Siamese Networks:** Find similarities between two face. Git: https://tinyurl.com/yxv9hk66
    - ❖ **Detect Pneumonia:** detect pneumonia from chest x-ray. Kaggle: https://tinyurl.com/y44yf2xv
    - ❖ **Detect Rice Disease:** detect rice disease. Kaggle: https://tinyurl.com/y598a4g5
    - ❖ **Text Generator:** generate text from a given dataset. Git: https://tinyurl.com/y3o94lsx
    - ❖ **Flower classification:** Udacity final project, classify 102 flowers, Git: https://tinyurl.com/y38leg8j

- ❖ **Android:**
    - ❖ **Soil Science Dictionary**: Dictionary App with online word sharing. Language: Kotlin. GitHub: https://github.com/Iamsdt/SoilScienceDictionary
    - ❖ **Theme Library**: Theme library for Android to change theme in runtime. Language: Kotlin. GitHub: https://github.com/Iamsdt/ThemeLibrary
    - ❖ **Android Extension Helper**: Library for koltin extension functions. Language: Kotlin. Git: https://github.com/Iamsdt/AndroidExtensionHelper
    - ❖ **Yebook:** Book Summery reading and listening app. Language: Java and Kotlin. Gplay: https://play.google.com/store/apps/details?id=com.yebook.yebook

Relevant Courses

● Pytorch Scholarship Challenge(Udacity), ● Secure and private AI Scholarship Challenge(Udacity), ● Tensorflow free course (Udacity), ● Developing Android App with koltin(Udacity), ● Advance Android App Development(Udacity), ● Data structure and algorithm analysis(Udemy), ● Python beginner to pro(Udemy), ● Dart – Advanced Course(Udemy), ● Flutter Intermediate Course (Udemy), ● Introduction to Machine Learning for Data Science(Udemy), ● From 0 to 1: Machine Learning, NLP & Python-Cut to the Chase(Udemy)

Education

○ Khulna University
Bachelor of Science, SWE Discipline
Graduation: December, 2019 (expected)

Achievement

- ❖ Start own startup, **LingJ**
- ❖ Selected on Pytorch Scholarship Challenge
- ❖ Selected on Secure and Private AI Scholarship