

SHANGZHE DI

(86)15652587063 ◇ shangzhe.di@gmail.com

EDUCATION

Beihang University (BUAA)

Sep 2016 - Jul 2020

B.E in Software Engineering

Beijing

- Overall GPA: 90.05/100 ◇ Major GPA: 93.79/100 ◇ Ranking: 11/157
- First Prize Scholarship for Academic Performance (Top 8%)
- Special Prize Scholarship for Academic Performance (Top 3%)

Nov 2019

Nov 2018

Technical University of Munich (TUM)

Apr 2019 - Aug 2019

Exchange program, Informatics Department

Munich

- China Scholarship Council (CSC) Scholarship

Apr 2019

RESEARCH EXPERIENCE

Flow-based Virtual Try-On System

Oct 2019 - Present

Research Intern, Kwai Co.,Ltd., Supervisor: Yilin Guo

Beijing

- Work on building an appearance-flow based generation system for virtual try-on.
- Improve cloth deformation quality by introducing DensePose to provide 3D information.

Landmark-Free Facial Motion Transfer to VTubers

May 2019 - Jul 2019

Research Assistant, Visual Computing Group, TUM

Munich

- Design an efficient network to estimate 3DMM pose and expression parameters from RGB video frames, which are then used to control the facial movements of VTubers.
- Enhance accuracy at large angles and computational efficiency towards landmark-based methods.

TEACHING EXPERIENCE

Introduction to Computer Science

Sep 2019 - Dec 2019

Beihang University, Supervisor: Prof. Yunxiang Lv

Beijing

- Hold Python tutorials, programming exercises, and office hours.

AI Seminar

Sep 2018 - Present

Beihang University, Supervisor: Prof. Hongyi Li

Beijing

- Hold regular lectures on machine learning and deep learning.

COURSEWORK PROJECT

Conference Management Weixin Mini Program

Jul 2019 - Sep 2019

- Develop a mini-program based on Flask and Weixin platform, making it easy and efficient for everyone to create and manage meetings.

PL\0 Compiler

Oct 2018 - Dec 2018

- Implement the PL\0 compiler using Python and the front-end based on the Java Sprint framework.

SKILLS

Languages

Python, C++, Java, HTML, JavaScript

Platforms/Frameworks

Numpy, PyTorch, Scipy, Ceres, Flask, Sprint