

# Zhiyi Pan

✉ [panzhiyi@mail.sdu.edu.cn](mailto:panzhiyi@mail.sdu.edu.cn)

🔍 [Google Scholar](#)

🏠 [Github Homepage](#)

🌐 [Personal Homepage](#)

Update at: **Apr 10, 2021**

## 🎓 Education

### Shandong University

Master Student in School of Computer Science and Technology

> GPA: 3.4/4.0

Sep 2018 – Present

Qingdao, China

### Shandong University

B.Eng. in Computer Science, Taishan College

> GPA: 86.81/100

> Taishan College is the honor college of Shandong University. Our major selects less than 20 students from more than 300 undergraduates each year. Website: [www.tsxt.sdu.edu.cn](http://www.tsxt.sdu.edu.cn).

Sep 2014 – Jun 2018

Jinan, China

## 📌 Research Interests

**Computer Vision, Deep Learning, Artificial Intelligence.**

## 🕒 Experience

### Interdisciplinary Research Center

Research Student

> Research Student in IRC. Join in several research projects. Website: <http://irc.cs.sdu.edu.cn/>.

Sep 2018 – Present

Shandong University

### CCF Big Data and Computational Intelligence Contest

contestant

> Winner of the third prize of the 3D point cloud segmentation competition for autonomous driving. Website: <https://www.datafountain.cn/projects/2018CCF/>.

Sep 2018 – Nov 2018

China Computer Federation

### Research Center of Human-Computer Interaction and Virtual Reality

Research assistant training

> Participate in research training. Website: <http://vr.sdu.edu.cn/>.

Dec 2015 – Jul 2017

Shandong University

## 📄 Papers

1. Peng Jiang, **Zhiyi Pan**, Changhe Tu, Nuno Vasconcelos, Baoquan Chen, and Jingliang Peng. (2019). [Super Diffusion for Salient Object Detection](#). **TIP.2019.2954209**.
2. Guangnan Wu, **Zhiyi Pan**, Peng Jiang, and Changhe Tu. (2020). [Bi-Directional Attention for Joint Instance and Semantic Segmentation in Point Clouds](#). **ACCV.2020**.
3. **Zhiyi Pan**, Peng Jiang, Yunhai Wang, Changhe Tu and Anthony G. Cohn. (2021). (under the review of ICCV 2021). [Scribble-Supervised Semantic Segmentation by Uncertainty Reduction on Neural Representation and Self-Supervision on Neural Eigenspace](#).

## ⚙️ Skills

### Programming Skills

- > C/C++, Java, matlab, now mainly Python (good at PyTorch)
- > familiar with Ubuntu Server and PyTorch CUDA programming

## 👤 Supervisor

### Changhe Tu

Professor in School of Computer Science and Technology, Shandong University

> Address: 72 Binhai Road, Jimo District, Qingdao, Shandong, 266237, P.R.China

> E-mail: [chtu@sdu.edu.cn](mailto:chtu@sdu.edu.cn)

> Homepage: <http://irc.cs.sdu.edu.cn/~chtu>

### Peng Jiang

Associate Professor in School of Qilu Transportation, Shandong University

> Address: No. 12550, East Second Ring Road, Jinan, Shandong, 250002, P.R.China

> E-mail: [sdujump@gmail.com](mailto:sdujump@gmail.com)