Yida

WANG

Technical University of Munich

Background

Shenyang No.2 Senior High

Fundamental Sciences

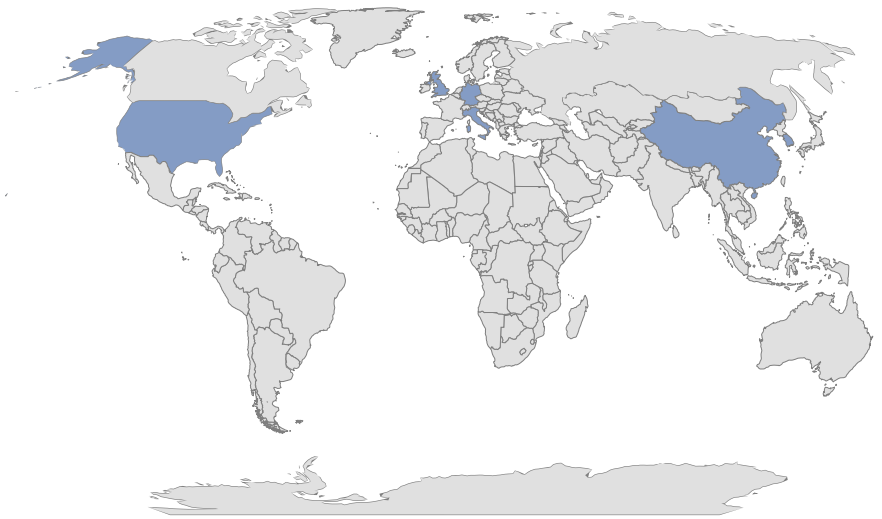
Beijing University of Posts and Telecommunication

- Telecommunication Engineering
- Computer Engineering

Technical University of Munich

- Computer Vision
- Computer Graphics

Countries in which I have been working



Overview

1. Academic Experience
2. Computer Science
3. Research Engineering
4. Teaching and Mentoring
5. Technical Collaborators
6. Fun Facts

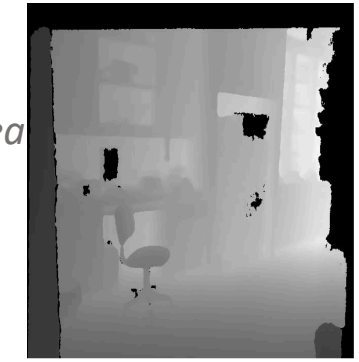
How to constantly
making
IMPACT?

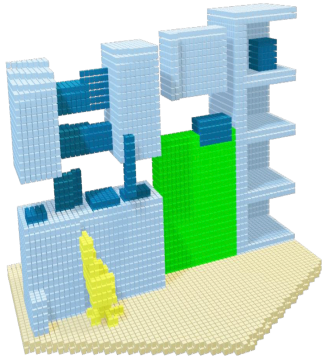
1. Academic Background

2. Computer Science – *selected works from conferences*

[1]. ICCV

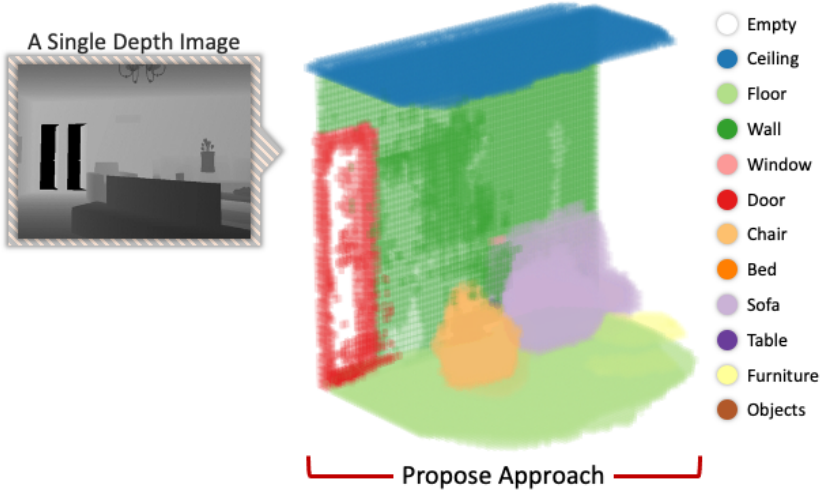
- *Seoul, S Korea*
- *3D CV*





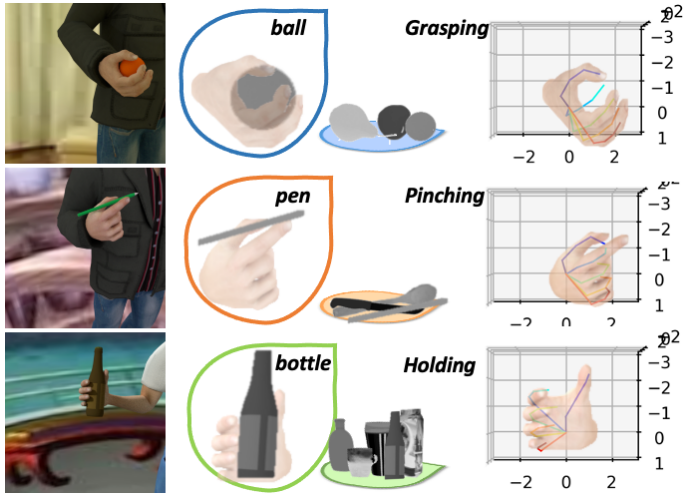
[2]. 3DV

- *Verona, Italy*
- *3D CV*



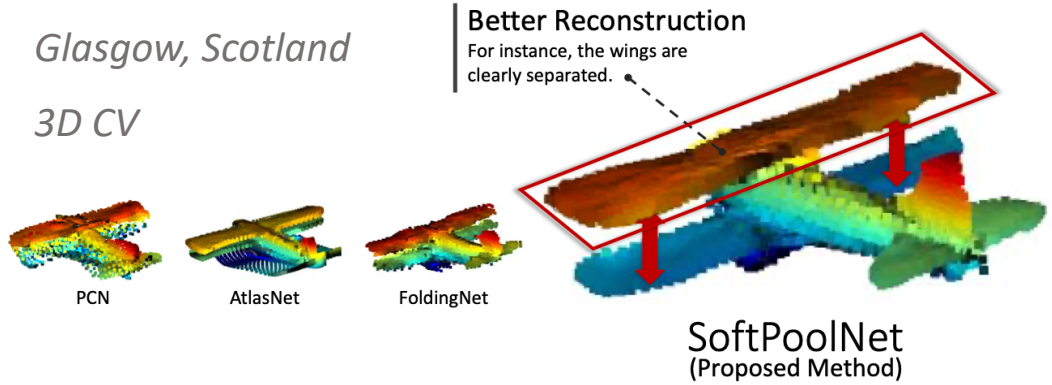
[3]. IROS

- *Macau, China*
- *Robotics*



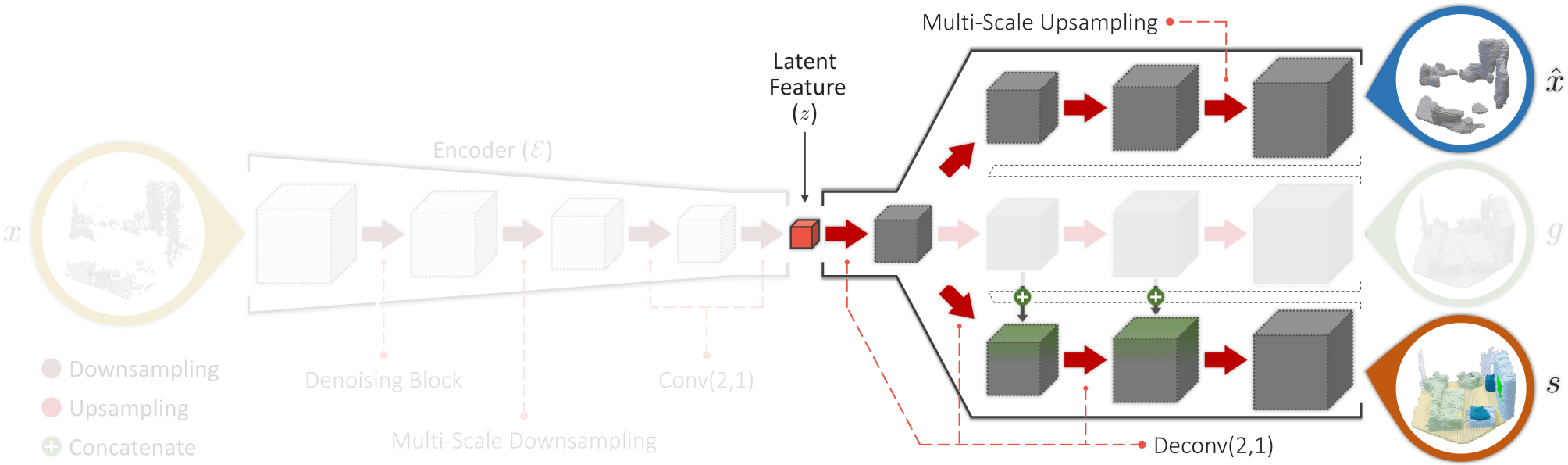
[4]. ECCV

- *Glasgow, Scotland*
- *3D CV*



2. Computer Science – *selected works from conferences*

[1] ForkNet: Multi-branch Volumetric Semantic Completion from a Single Depth Image



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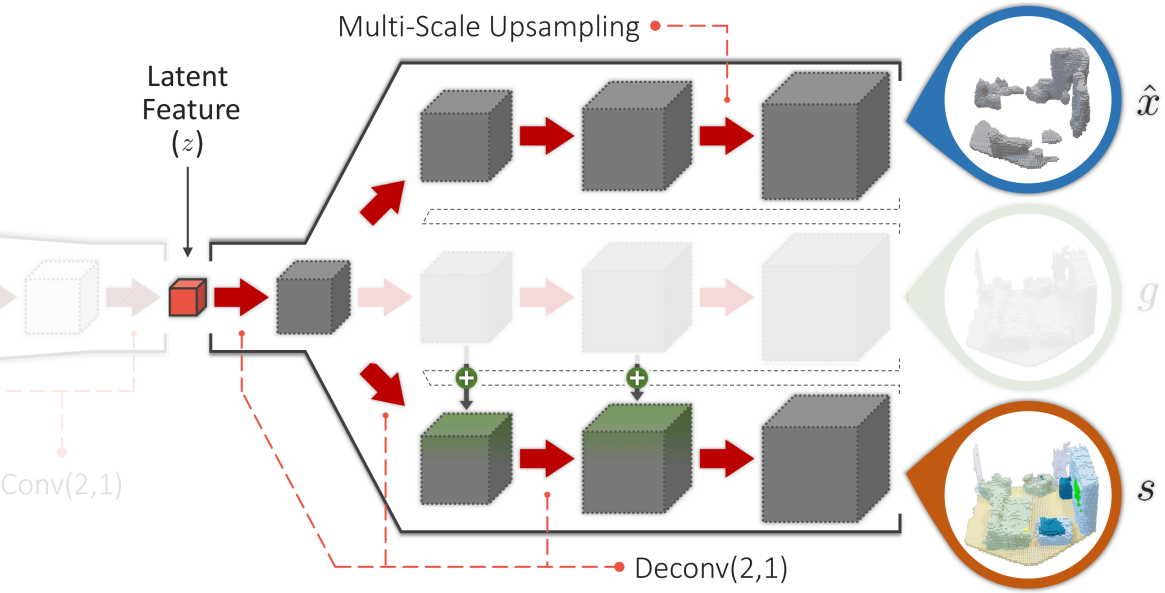

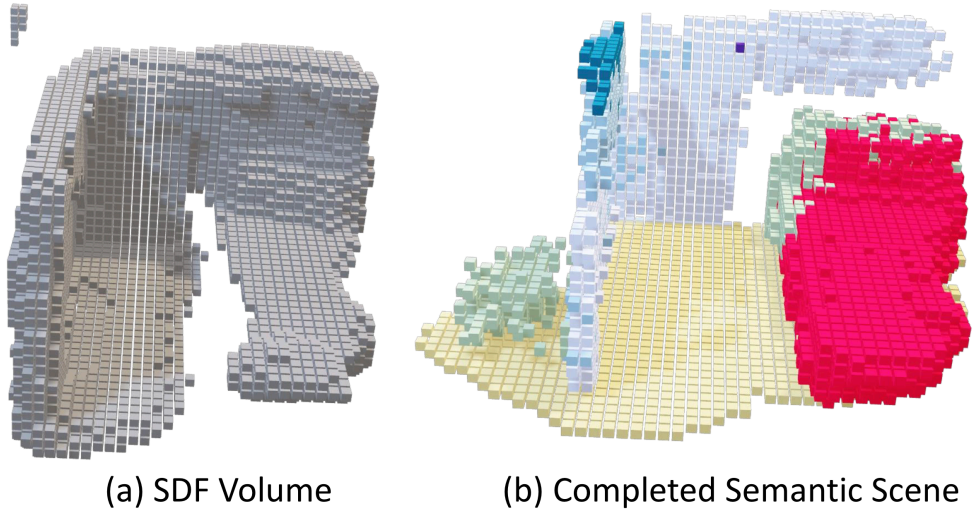

(a) SDF Volume

(b) Completed Semantic Scene

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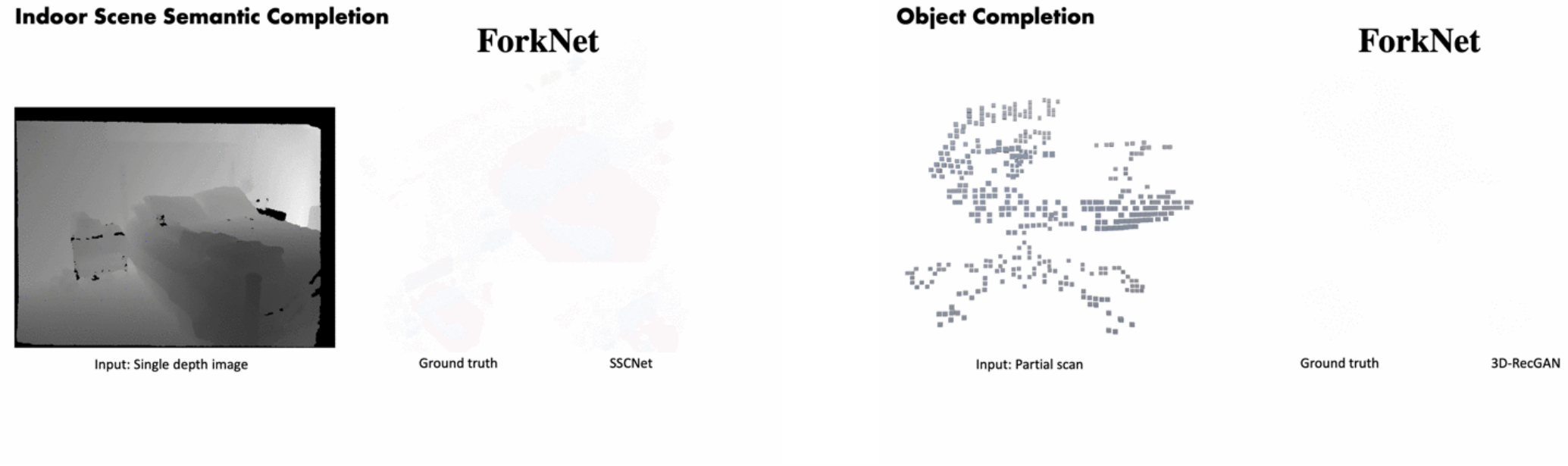
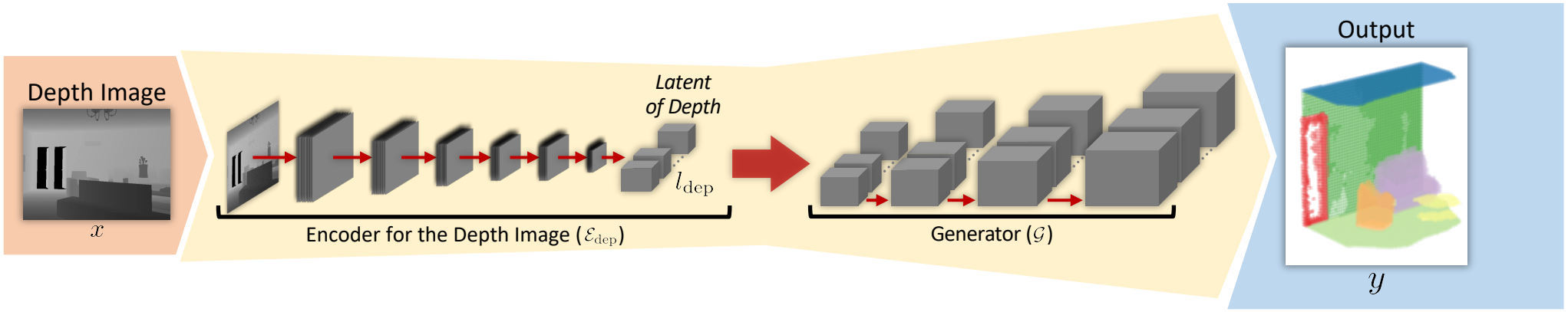


2. Computer Science – *selected works from conferences*

[2] Adversarial Semantic Scene Completion from a Single Depth Image



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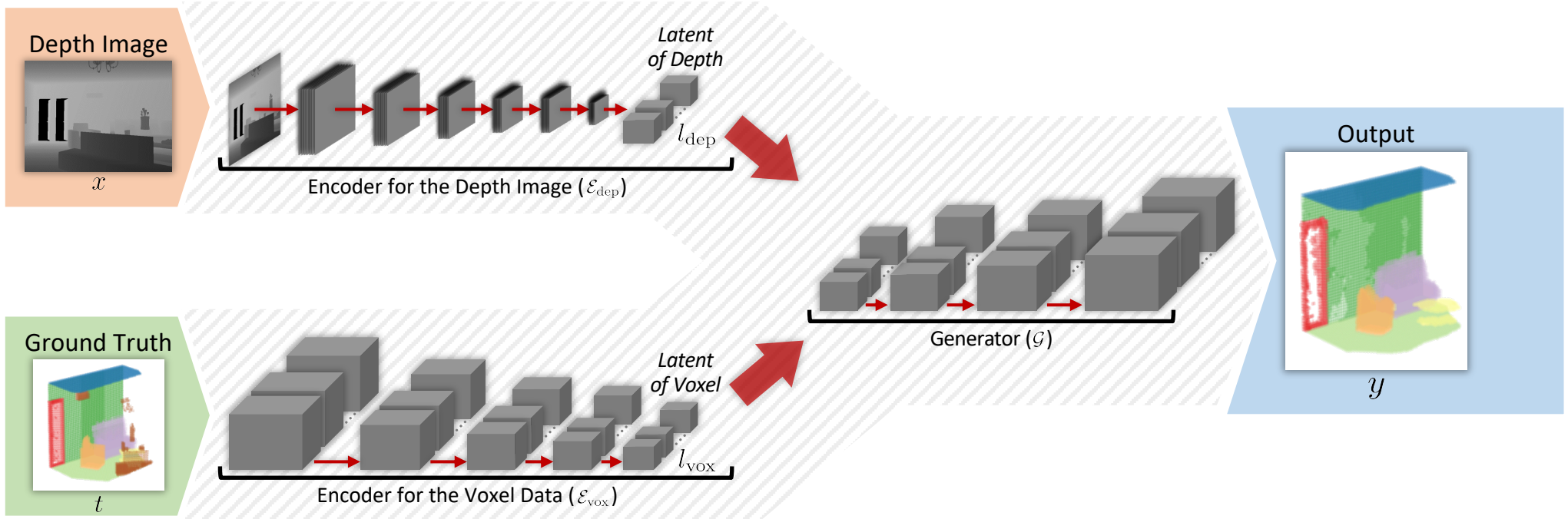

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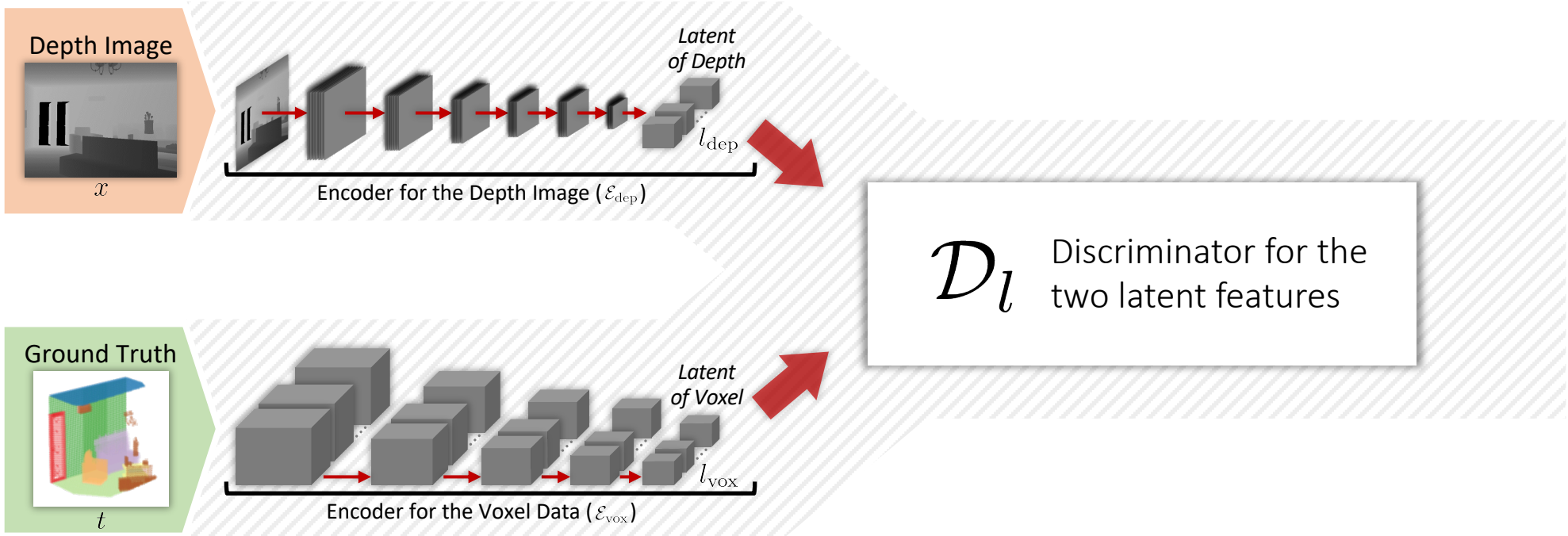

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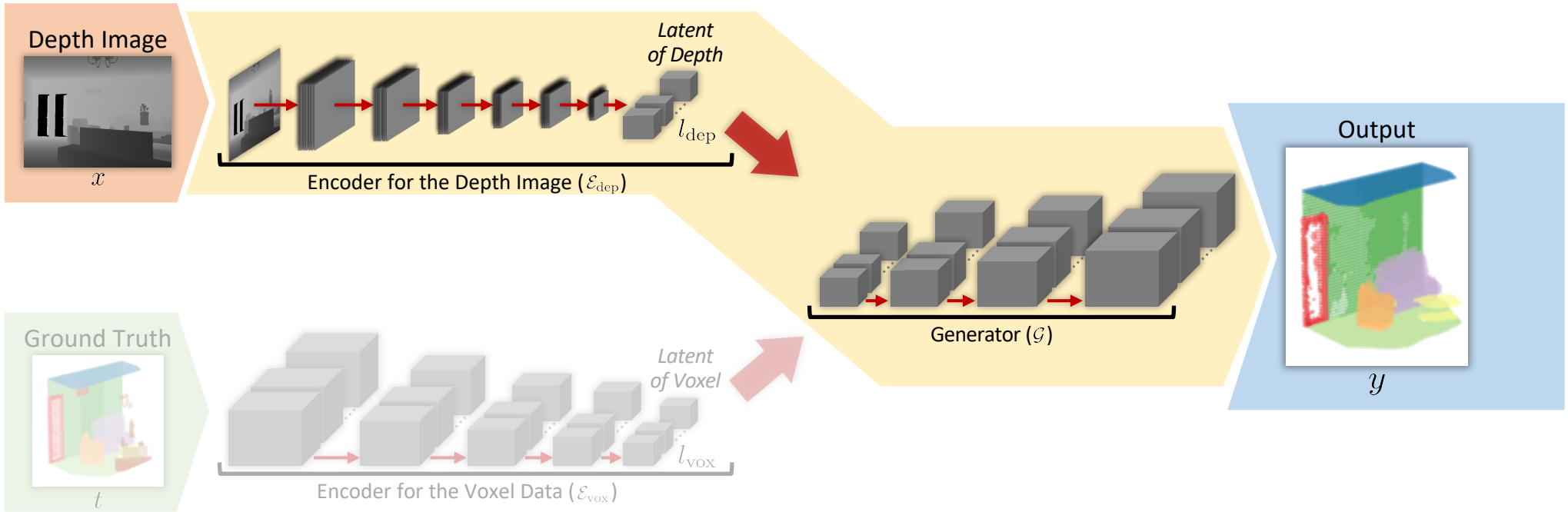
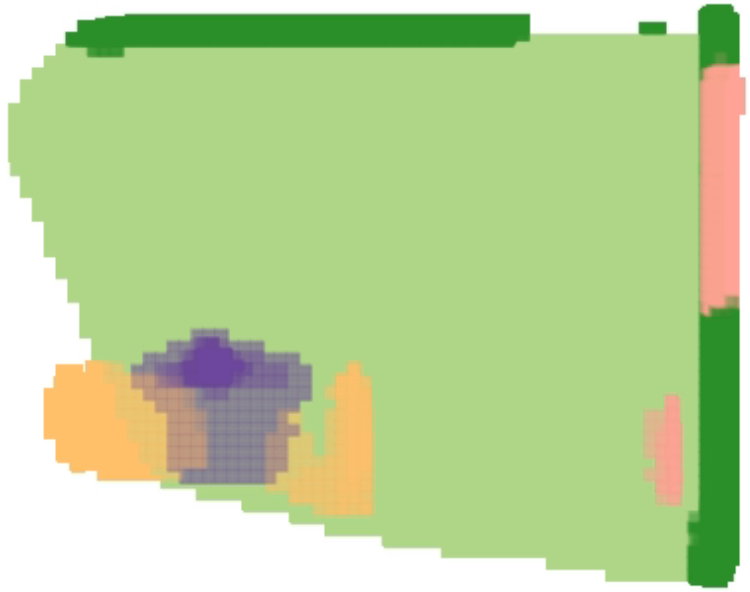


2. Computer Science – *selected works from conferences*

[2] Adversarial Semantic Scene Completion from a Single Depth Image

A Single Depth Image



3. Research Engineering *– selected works from companies*

(1) Google Summer of Codes

- Serving as project developer in 2015 and 2016
- Serving as project mentor in 2019

(2) Microsoft Open Source Challenge

- Global 2nd prize in (5 winners in total)
- Invited talk in Microsft Faculty Summit 2016

(3) Scilab Simulator Design Contest

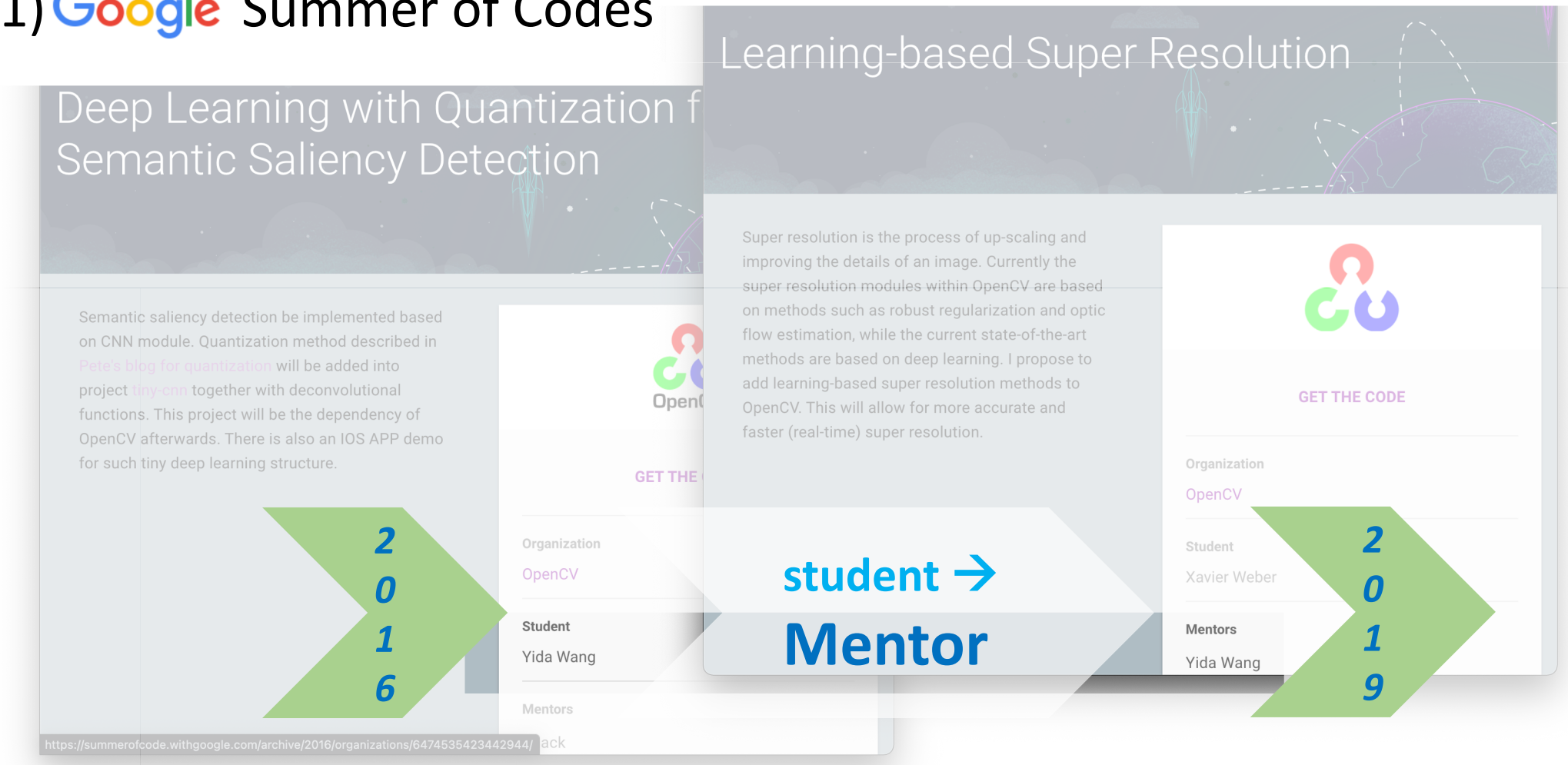
- Global 1st prize in 2013
- AIS system simulation

(4) FACEBOOK Research Intern

- Research intern in Facebook Reality Lab for eye 3D reconstruction

3. Research Engineering – *selected works from companies*

(1) Google Summer of Codes



3. Research Engineering – *selected works from companies*

(2) Microsoft Open Source Challenge

- Global 2nd prize in (4 winners in total)
- Invited talk in Microsft Faculty Summit 2016

First few works reimplementing papers *with* **CNTK**

Akond Rahman

North Carolina State University, USA
Grand Prize: $5,000
Entry: Quantifying Semantic Similarity of Software Projects using Deep Semantic Similarity Model (DSSM)

Varun Agrawal

Georgia Institute of Technology, USA
Second Prize: $2,500
Entry: OneGroup: Automated Photo Sharing via Facial Recognition using Microsoft Cognitive Services (FKA Project Oxford)

Saeid TizPaz Niari

University of Colorado, Boulder, USA
Second Prize: $2,500
Entry: CONfidentiality CERTifier: a Modeling and Verification Framework for Program Confidentiality using Z3

Yida Wang

Beijing University of Posts and Telecommunications, China
Second Prize: $2,500
Entry: CNTK on Mac: 2D Object Restoration and Recognition on 3D Model

Microsoft Open Source Challenge

Our recent Challenge offered $15,000 in prizes as students experienced the power of open source tools from a top research lab.

Open Source Challenge winners announced

Winners

We are delighted to announce the winners of the Challenge. Interest over the past three months came from all round the world. The judging panel was impressed by all the entries. The following four were chosen to receive prizes. Congratulations to the winners!

Each of the winners used and in some cases added to open source tools from Microsoft Research as well as Project Oxford, which was included in the Challenge. Read more on our Blog >

4. Teaching and Mentoring

- Tutor for courses:
  1. Computer Vision and Deep Learning for Autonomous Driving
  2. Perception and Learning in Robotics and Augmented Reality
  3. Deep Adversarial Training

- Supervisor for master thesis:
  1. Variational Object-aware 3D Hand Pose from a Single RGB Image – Yafei Gao
  2. 3D Surface Registration Using Shape Completion – Mahsa Baghaei Heravi
  3. 3D Instances from a single RGB Image – Peter Mortimer

- Invited Talks:
  - Deploying deep learning models with Microsoft CNTK on MacBook at Microsoft
  - Oral presentation for SoftPoolNet on ECCV'20 ONLINE 23-28 AUGUST 2020

5. Technical Collaborators

Federico Tombari
from TUM/Google

Yafei Gao
from TUM

Yanyan Li
from TUM

Nassir Navab
from TUM

Pietro Falco
from ABB

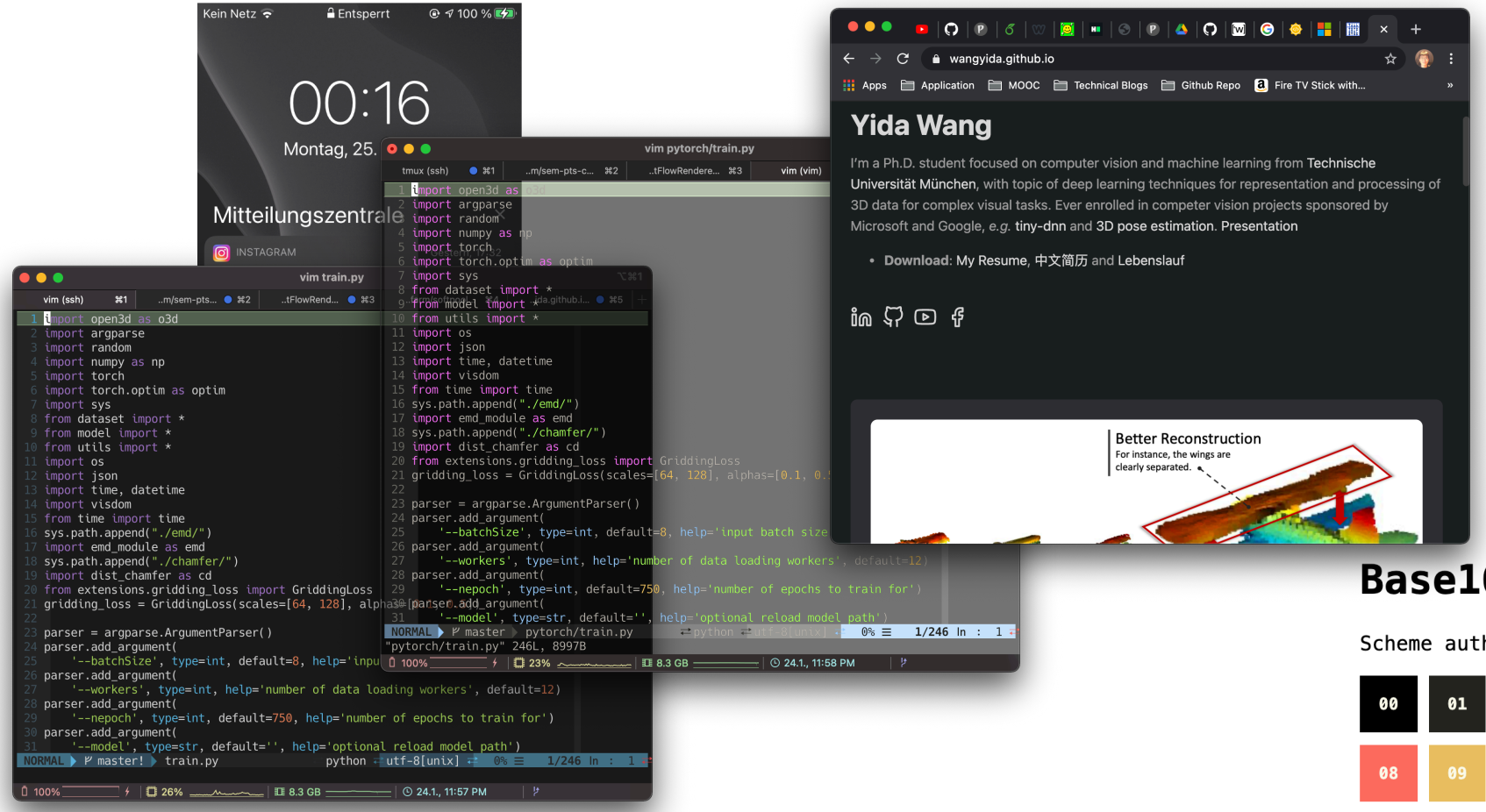
Nikolas Brasch
from TUM

David Joseph Tan
from Google

Yiru Shen
from Facebook

6. Fun Facts

(1) I usually prefer to work with theme consistency



iPhone theme

Website theme

Laptop terminal theme

Station terminal theme

All configured with:

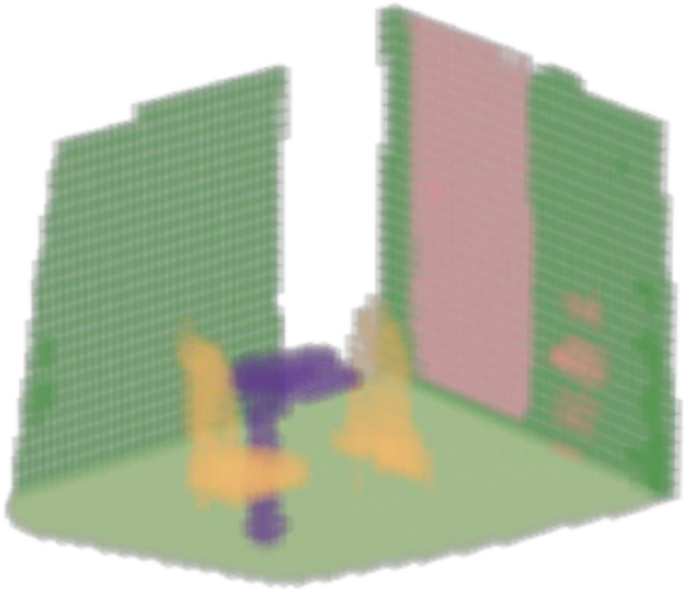
Base16 IR Black

Scheme author: Timothée Poisot (http://timotheepoisot.fr)

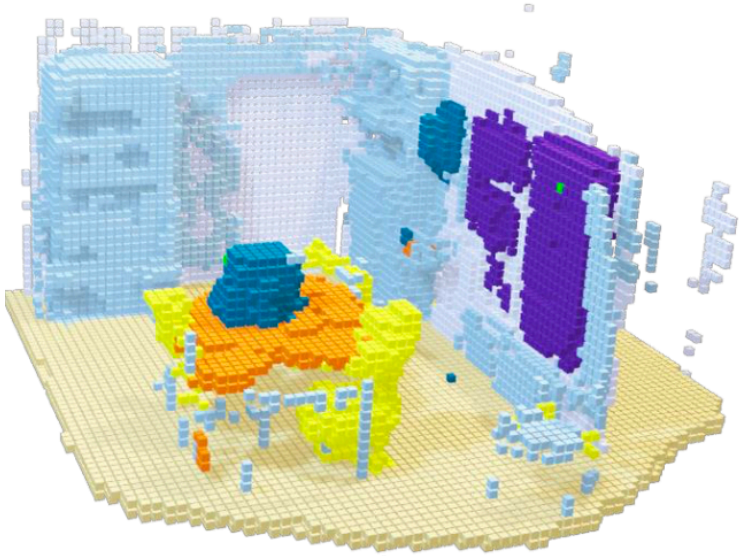
00	01	02	03	04	05	06	07
08	09	0A	0B	0C	0D	0E	0F

6. Fun Facts

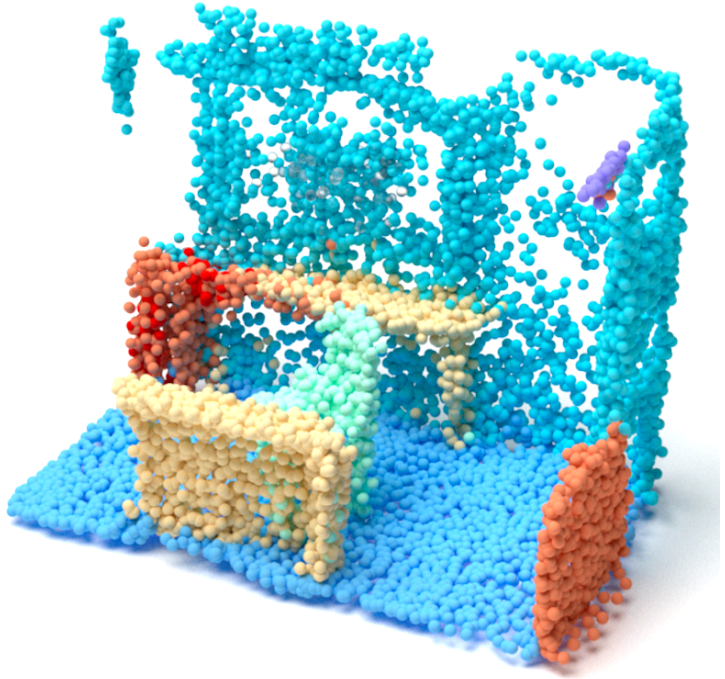
(2) I do like investigating CG rendering



2017 3DV



2019 ICCV



2021 *to be released…*

Back to the Beginning

1. Academic Experience
2. Computer Science
3. Research Engineering
4. Teaching and Mentoring
5. Technical Collaborators
6. Interesting facts

How to constantly
making
IMPACT?

Summary

1. Building connection among techs with theories
2. Iterritively updating theories for techs
3. Sharing
4. Engineering for human
5. Teaching and Mentoring

constantly
making
IMPACT!

Reason of
Joining whale company with research