

# Jiahao Luo

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## Education

University of California, Santa Cruz

Ph.D. in Computer Science and Engineering

Santa Cruz, CA, USA

2021.09-present

University of California, Santa Cruz

M.S. in Electrical and Computer Engineering

Santa Cruz, CA, USA

2018.09-2020.06

Beijing University of Post and Telecommunications (BUPT)

B.Eng. in Electronic Engineering

Beijing, China

2014.09-2018.06

## Internship Experience

Bellus3D (intern software engineer)

2020.10-2021.08

## Publications

**How accurate is 2-view stereo to reconstruct a 3D face model?**

Jiahao Luo, Eric Ruezga, James Davis

- ICIP 2022

**How much does input data type impact final face model accuracy?**

Jiahao Luo, Fahim Khan, Issei Mori, Akila de Silva, Eric Ruezga, James Davis

- CVPR 2022 Oral

**DuelGAN: A Duel Between Two Discriminators Stabilizes the GAN Training**

Jiaheng Wei, Minghao Liu, Jiahao Luo, Andrew Zhu, James Davis, Yang Liu

- ECCV 2022

**Face Models: How good does my data need to be?**

Jiahao Luo, Fahim Khan, Issei Mori, Akila de Silva, Eric Ruezga, James Davis

- ICIP 2021

**PeerGAN: Generative Adversarial Networks with a Competing Peer Discriminator**

Jiaheng Wei, Minghao Liu, Jiahao Luo, Qiutong Li, James Davis, Yang Liu

- Arxiv: <https://arxiv.org/pdf/2101.07524.pdf>

**ChainGAN: Low-light image enhancement using chain-consistency network**

Jiahao Luo, Minghao Liu, Xiaohan Zhang, James Davis, Yang Liu

- ICPR 2022

**Impedance Compensation of the Welding Area of the RF Connector and Microstrip Line**

Ziren Wang, Jinchun Gao, Hafiz Muhammad Bilal, Jiahao Luo, Xiaoming Li

- ICCAS 2018

## Class projects

Light direction estimation for Reflectance Transformation Imaging (RTI)

2019.09-2019.12

A survey about GAN-based anomaly detection

2019.07-2019.08

Image salient region detection using entropy analysis

2019.04-2019.06

Car-GAN: a modified GAN model generating car images from edges

2019.01-2019.04

## Skills

- Skilled programming language: python, matlab, pytorch, keras