

Positions: We are actively looking for self-motivated students to join our team to conduct cutting-edge research on computer vision and biometrics. We have MULTIPLE openings, including [PostDoc](#), [Ph.D. Students](#), [M.Phil. Students](#), [Research Assistants](#), [Visiting Interns](#), and [Undergraduate Research Positions](#).

Requirements:

1. Good GPAs?

Nice to have, but not a dealbreaker – they do reflect your attitude toward course learning.

2. Strong programming skills

When diving into coding, you should feel fully immersed and enjoy the thrill of knowledge discovery. Doing research offers a similar thrill from a different perspective.

3. Self-motivation!

This is about the intrinsic drive to achieve your goal. While this is hard to measure, it's what I value the most.

4. Good communication skills

This isn't about being extroverted (I'm not particularly outgoing myself). This is about being able to clearly articulate your thoughts, present your ideas, and share your progress with clarity.

😊 I warmly encourage students from underrepresented groups in Computer Science to reach out and explore potential projects with me.

If you are considering applying for a PhD:

I currently have openings for **at least two** PhD students.

Before you reach out to me via email for PhD application, I highly recommend you read [The Ph.D. Experience](#) by Mihir Bellare which provides valuable insights into the PhD journey and what to expect.

For prospective PhD students, engaging in a research internship beforehand can be a good opportunity for us to better understand each other's working style and expectations.

If you are considering applying for an M.phil.:

I currently have openings for **two** M.phil. students.

I have rich and successful experiences in supervising master students. So far, I have guided two students to graduate, both of whom are currently doing PhDs at world-renowned universities: Zelin LI at UIUC and Irfan Dwiki Bhaswara at UNSW.

硕士生培养一

- 黎泽林，南方科技大学首位硕士生
 - 独立指导 (2020-2024, 含本科毕业)
 - 获优秀本科毕业生、优秀硕士毕业生等荣誉
 - 现**伊利诺伊大学香槟分校 (UIUC) 全奖读博**

硕士学位论文
高保真人脸识别重建研究
RESEARCH ON HIGH-FIDELITY FACE
SUPER-RESOLUTION

研究 生：黎泽林
指 导 教 师：曾丹研究助理教授

CS全球排名：5



ILLINOIS
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

硕士生培养二

- Irfan Dwiki Bhaswara, 荷兰特文特大学
 - 与Raymond教授联合指导 (2018-2020)
 - 作为指导导师出席硕士答辩 (2020.08.31)
 - 现**新南威尔士大学 (UNSW) 全奖读博**

Presentation Master Thesis Project
Exploration of Autoencoder as Feature Extractor for
Face Recognition System
Irfan Dwiki Bhaswara
Faculty of ECEC, University of Twente
Supervised by Raymond, Holland and Ming

CS全球排名：42



UNSW
SYDNEY

If you are a current undergraduate student:

In a sense, I currently have **unlimited** openings for undergraduate students to do research (not lab chores).

I have a successful track record of mentoring undergraduates, with all my previous students publishing top-tier papers under my supervision. Following the previous experience, I recommend undergraduate students to engage in research projects at my team after their second year. For students at SYSU, I believe the best way for us to get to know each other is by enrolling in my class (Spring Semester Computer Vision AI360).

自 I firmly believe that with proper guidance and supervision, the potential of undergraduates is **unlimited**. The following figure highlights the achievements of my former undergraduates and their current educational pursuits and working status.

本科生升学

- 林志远, 南方科技大学, 现新加坡国立大学读硕



Face2Exp: Combating Data Biases for Facial Expression Recognition
Dan Zeng¹ | Zhiyuan Lin¹ | Xiao Yan¹, Yuting Liu², Fei Wang², Bo Tang^{1,2}

- 洪山川, 南方科技大学, 现加州圣地亚哥分校读硕



Data-Scarce Animal Face Alignment via Bi-Directional Cross-Species Knowledge Transfer
Dan Zeng¹ | Shuhui Huang¹ | Shuheng Li¹ | Guodong Tang¹ | Gulin Geiping, China
Qiaomo Shen² | Southern University of Science and Technology, Shenzhen, Guangdong, China
Bo Tang¹ | Southern University of Science and Technology, Shenzhen, Guangdong, China

- 江文, 南方科技大学, 现日本早稻田大学读硕



Face super resolution with a high frequency highway
Dan Zeng¹ | Wen Jiang¹ | Xiao Yan¹ | Weibao Fu¹ | Qiaomo Shen¹ | Raymond Veldhuis² | Bo Tang¹

本科生就业

- 傅伟堡, 南方科技大学

- 南科大“**十佳毕业生**”(每年10位), 腾讯SSP



Face super resolution with a high frequency highway
Dan Zeng¹ | Wen Jiang¹ | Xiao Yan¹ | Weibao Fu¹ | Qiaomo Shen¹ | Raymond Veldhuis² | Bo Tang¹

- Krishnakumar Jayakumar, 荷兰特文特大学

- 与Raymond教授联合指导 (2018-2020)
- 入职跨国信息及通讯技术咨询公司 Aarini.



Arin Consulting is a leading ICT company based in the Netherlands, with affiliates in India and United Arab Emirates.

De-occlusion Of Occluded Facial Images Using Conditional Generative Adversarial Networks
Undergraduate Student: Raymond Veldhuis and Dan Zeng

Academic lineage?

My PhD advisors are **Distinguished Prof. Zhisheng You** (Chinese Academy of Engineering Candidate, 中国工程院院士候选人) and **Prof. Qijun Zhao** (the Vice Dean of the College of Computer Science at Sichuan University, 四川大学计算机学院副院长), whose PhD and PostDoc advisors are **Prof. David Zhang** (Canadian Academy of Engineering Fellow, 加拿大工程院院士) and **Prof. Anil K. Jain** (U.S. National Academy of Engineering Fellow, 美国国家工程院院士), respectively.

My PostDoc advisor, **Prof. Raymond Veldhuis**, leads the ONLY biometrics research group in the Netherlands, which is also well-known in Europe.