

# XINPENG LI

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## EDUCATION

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**South China University of Technology** *Sept. 2018 - June. 2021*  
Master of Signal and Information Processing, Supervised by Prof. [Dacheng Tao](#) GPA: 85.71/100

**South China University of Technology** *Sept. 2014 - June. 2018*  
Bachelor of Engineering, Information Engineering GPA: 3.75/4

## PUBLICATIONS

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J. Liu, G. Xie, R. Chen, **X. Li**, J. Wang, Y. Liu, C. Wang, F. Zheng. Real3D-AD: A Dataset of Point Cloud Anomaly Detection. **NeurIPS**, 2023. [PDF](#) & [Code](#)

**X. Li**, S. Mao, X. Peng, J. Wang, and F. Zheng. FETR: End-to-End Facial Expression Detection with Contextual Transformers. **ICCV**, 2023. (Submitted)

S. Mao, **X. Li**, Q. Wu, and X. Peng. AU-Aware Vision Transformers for Biased Facial Expression Recognition. Transactions on Image Processing (**TIP**), 2022. (Submitted) [PDF](#)

**X. Li**, X. Peng. Rail Detection: An Efficient Row-based Network and A New Benchmark. The 30th ACM International Conference on Multimedia (**ACMMM**), 2022. [PDF](#) & [Code](#)

**X. Li**, X. Peng, C. Ding. Sequential Interactive Biased Network for Context-Aware Emotion Recognition. International Joint Conference on Biometrics (**IJCB**), 2021. [PDF](#)

## EXPERIENCE

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**Research Assistant** in Shenzhen Technology University, *Jul. 2023 - now*  
visual emotion recognition and synthesis algorithm, supervised by Assoc. Prof. [Xiaojiang Peng](#).

**Research Assistant** in Southern University of Science and Technology, *Jan. 2023 - Jun. 2023*  
3D anomaly detection algorithm, supervised by Assoc. Prof. [Feng Zheng](#) and Asst. Prof. [Jinbao Wang](#).

**Research Assistant** in Shenzhen Technology University, *Jun. 2021 - Dec. 2022*  
facial expression recognition and rail detection algorithm, supervised by Assoc. Prof. [Xiaojiang Peng](#).

**Graduate Student** in South China University of Technology, *Jun. 2017 - Jun. 2021*  
facial expression recognition algorithm, supervised by Prof. [Dacheng Tao](#) and Prof. [Changxing Ding](#).

**Undergraduate Student** in South China University of Technology, *July. 2016 - May. 2017*  
building an integrated hardware and software underwater robot, supervised by Prof. [Fangjiong Chen](#).

## HONORS

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4th/60 in Multimodal Sentiment Analysis Challenge (ACMMM) *2021*

27th/300+ in Short Video Face Parsing Challenge (CVPR) *2021*

National Encouragement Scholarship (The top 4% in class) *2016*

## OTHERS

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TOEFL 99 in English, President in Shenzhen Toastmasters Club (2022 to 2023), Minister in English Club (2019 to 2021), Radio Association (2015 to 2016), and Class Two at the University (2014 to 2015)