

# SHANGZHE DI

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## EDUCATION

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<b>Shanghai Jiao Tong University</b>	Apr 2023 -
<i>PhD student, supervised by Prof. Weidi Xie</i>	<i>Shanghai, China</i>
<b>Beihang University</b>	Sep 2020 - Jan 2023
<i>M.Eng. in Computer Science, supervised by Prof. Si Liu</i>	<i>Beijing, China</i>
<b>Beihang University</b>	Sep 2016 - Jun 2020
<i>B.Eng. in Software Engineering ◇ GPA: 90/100 ◇ Rank: 11/157</i>	<i>Beijing, China</i>
<b>Technical University of Munich</b>	Apr 2019 - Aug 2019
<i>Exchange program</i>	<i>Munich, Germany</i>

## PUBLICATION

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**Shangzhe Di**<sup>\*</sup>, Zeren Jiang<sup>\*</sup>, Si Liu, Zhaokai Wang, Leyan Zhu, Zexin He, Hongming Liu, and Shuicheng Yan, "Video Background Music Generation with Controllable Music Transformer", *ACM International Conference on Multimedia (ACM MM)* 2021, **Best Paper Award**.

## RESEARCH EXPERIENCE

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**Learning Long Short-term Associations for Robust Visual Tracking** Jan 2022 - Aug 2023

*Supervised by Prof. Si Liu*

- Solve visual tracking by inter-frame propagation instead of the widely-used one-shot detection paradigm.
- Got 2nd place in the **AntiUAV** and **AOT** competitions at ICCV 2021.
- Achieve the SOTA performance on popular benchmarks (77.5 AO on GOT-10k, 84.5 AUC on TrackingNet, etc.)

**Video Background Music Generation** Dec 2020 - May 2021

*Supervised by Prof. Shuicheng Yan and Prof. Si Liu*

- Proposed the first satisfying method for video background music generation.
- Got the best paper award at MM 2021. The **Github repo** has received more than 200 stars.

## HONORS AND AWARDS

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- Best Paper Award, MM, 2021
- Best Video Award, IJCAI Video Competition, 2021
- First Prize Scholarship × 2 (Top 10%), Beihang University, 2019 & 2021
- Full Scholarship for Exchange Program, China Scholarship Council, 2019
- Special Prize Scholarship (Top 3%), Beihang University, 2018