



## Johannes Flotzinger

Born on April 26th, 1994  
Kelheim – Germany

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🏠 <https://go.unibw.de/flotzinger>

🐦 [jfltngr](https://twitter.com/jfltngr)

## Scientific interests

- Structural inspection
- Computer vision
- Deep learning
- Sensor fusion
- Building materials

## Education

2019. **Masters in civil engineering**  
OTH Regensburg  
Regensburg – Germany

2016. **Bachelor in civil engineering**  
OTH Regensburg  
Regensburg – Germany

2012. **Abitur**  
Donau-Gymnasium Kelheim  
Kelheim – Germany

## Current situation

Since July 2020. **PhD candidate**

Institute for Structural Engineering, University of the  
Bundeswehr Munich

Lectures: Bridge construction, Fire protection; Research: Visual  
damage recognition on bridges

## Experience

Mar. 2019 – June 2020. **PhD student**

Institute for Building Materials, OTH Regensburg

Lectures: building materials, building repairs, structural  
damage, engineering mechanics; Research: rheology, durability  
and sustainability of self-compacting and sprayed concrete

## Last publications

Johannes Flotzinger, Philipp J. Rösch, Thomas Braml (2023)

dacl10k: Benchmark for Semantic Bridge Damage Segmentation  
*arXiv*. doi: <https://doi.org/10.48550/arXiv.2309.00460>

Flotzinger, J. et al. (2022) Building Inspection Toolkit: Unified

Evaluation and Strong Baselines for Damage Recognition *IEEE  
International Conference on Image Processing (ICIP)*.  
doi: [10.1109/ICIP46576.2022.9897743](https://doi.org/10.1109/ICIP46576.2022.9897743)

## Code and websites

[dacl.ai](https://dacl.ai) : Platform for damage recognition enthusiasts (researchers  
and practitioners) for sharing and comparing ML models.

[bikit](https://github.com/jfltngr/bikit) : Python-API simplifying access to datasets and pretrained  
models in the bridge inspection domain.

## Programming Languages

### guages

Python ●●●○  
C++ ●○○○

German ●●●●  
English ●●●●  
French ●●●○  
Italian ●●○○

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