

# Dongliang Cao

☎ +49 15156072980 | ✉ cao.dongliang97@gmail.com | 🌐 GitHub | 📁 Portfolio | 📍 Bonn, Germany

## EDUCATION

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### University of Bonn

*PhD candidate in Learning and Optimisation Group (Prof. Florian Bernard)*

Bonn, Germany

*April 2022 – now*

### Technical University of Munich

*M.Sc. in Robotics, Cognition, Intelligence; GPA: 1.4/1.0 (Top 20%)*

Munich, Germany

*Sep 2019 – April 2022*

### Hochschule Zittau/Görlitz

*B.Eng. in Mechatronics; Exchange student (Degree program)*

Zittau, Germany

*Sep 2018 – Sep 2019*

### Tongji University

*B.Sc. in Mechatronics; GPA: 88/100 (Top 20%)*

Shanghai, China

*Sep 2015 – Sep 2018*

## SELECTED PUBLICATION

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**ECCV2024:Dongliang Cao**, Zorah Laehner, Florian Bernard. Synchronous Diffusion for Unsupervised Smooth Non-Rigid 3D Shape Matching.[pdf]

**CVPR2024:Dongliang Cao**, Marvin Eisenberg, Nafie El Amrani, Daniel Cremers, Florian Bernard. Spectral Meets Spatial: Harmonising 3D Shape Matching and Interpolation.[pdf][code]

**SIGGRAPH2023: Dongliang Cao**, Paul Roetzer, Florian Bernard. Unsupervised Learning of Robust Spectral Shape Matching.[pdf][code][project page]

**CVPR2023: Dongliang Cao**, Florian Bernard. Self-Supervised Learning for Multimodal Non-Rigid 3D Shape Matching.[pdf][code] (*selected as highlight, 2.5% of submissions*)

**ECCV2022: Dongliang Cao**, Florian Bernard. Unsupervised Deep Multi-Shape Matching.[pdf][code]

## INTERNSHIP

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### MPI for Informatics

*Research Intern*

- *Generative model for dynamic 3D human avatar*

Saarbrücken, Germany

*October 2024 – March 2025 (ongoing)*

### ABB, Global Research Center

*Research Intern, Thesis Student (Dr. Fan Dai)*

- *Software development for robotics automation*

Ladenburg, Germany

*May 2019 – Sep 2019*

## TEACHING

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### Technical University of Munich

*Lecture Tutor for Machine Learning (Prof. Stephan Günnemann)*

- *Exercise and exam correction*

Munich, Germany

*Oct 2020 – Feb 2021*

## SKILLS

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**Programming:** PyTorch, Python, C++

**Languages:** Chinese (Native), English (Fluent), German (Fluent)

## AWARDS & ACHIEVEMENTS

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**Graduate with Distinction:** Top 20% graduates from Technical University of Munich.

**DAAD Scholarship:** Scholarship for abroad student in Germany.

**Tongji Scholarship of Excellence:** Awarded to excellent students at Tongji University.