

# ZEQI GE

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## 🎓 EDUCATION

**Hangzhou Dianzi University (HDU)**, Hangzhou, China

Sep. 2023 – Present

M.S. in Mathematics, expected June 2026

**Hangzhou Dianzi University (HDU)**, Hangzhou, China

Sep. 2018 – Jun. 2022

B.S. in Information Management and Information Systems (MIS)

## ♡ HONORS AND AWARDS

2 <sup>nd</sup> Class, Graduate Academic Scholarship	Nov. 2025
2 <sup>nd</sup> Prize, “HUAWEI CUP” The 21st China Post-Graduate Mathematical Contest in Modeling	Oct. 2024
2 <sup>nd</sup> Class, Graduate Academic Scholarship	Nov. 2024
2 <sup>nd</sup> Prize, Hangzhou Dianzi University 14-th Post-Graduate Mathematical Contest in Modeling	Jun. 2024
3 <sup>rd</sup> Class, Graduate Academic Scholarship	Oct. 2023
3 <sup>rd</sup> Class, Undergraduate Academic Scholarship	Nov. 2021
3 <sup>rd</sup> Prize, The 36th Zhejiang Province E-commerce Design Competition	Dec. 2020
2 <sup>nd</sup> Class, Undergraduate Academic Scholarship	Sep. 2020

## 🔍 RESEARCH INTERESTS

Computer Aided Geometric Design (CAGD)

- Generalized Barycentric Coordinates (GBCs)
- Polygonal Domain Surfaces and Polyhedral Domain Volumes

## 📄 PUBLICATIONS

1. **2D High-order Cage-based Deformation by Polygonal Surface Patches**  
Zeqi Ge, Kaikai Qin\*, Chongyang Deng, Li-Yong Shen  
*CAD/Graphics 2025 (CSIAM-AM)*
2. **Smooth Surface Generation over Quadrilateral Meshes** (in Chinese)  
Zeqi Ge, Kaikai Qin\*, Chongyang Deng  
*CAD/CG 2025*

## 👥 EXPERIENCE

**Università della Svizzera italiana**

Jun. 2025 – Sep. 2025

Research Visitor, Supervised by *Prof. Kai Hormann*

## ⚙️ SKILLS

- Programming Languages: C++ > Python > Java
- Softwares: Blender, Paraview and PS
- Platforms: Windows, macOS, and Linux

## 📄 MISCELLANEOUS

- Website: <https://gezeqi.github.io>
- GitHub: <https://github.com/gezeqi>
- Languages: English – CET6 | Fluent, Mandarin – PSC Level 2-B | Native speaker