

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 nd Class, Graduate Academic Scholarship	Nov. 2025
2 nd Prize, “HUAWEI CUP” The 21st China Post-Graduate Mathematical Contest in Modeling	Oct. 2024
2 nd Class, Graduate Academic Scholarship	Nov. 2024
2 nd Prize, Hangzhou Dianzi University 14-th Post-Graduate Mathematical Contest in Modeling	Jun. 2024
3 rd Class, Graduate Academic Scholarship	Oct. 2023
3 rd Class, Undergraduate Academic Scholarship	Nov. 2021
3 rd Prize, The 36th Zhejiang Province E-commerce Design Competition	Dec. 2020
2 nd 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
3. **C^0 Generalized Coons Volumes over Arbitrary Polyhedra**
Manuscript in preparation for submission to *SIGGRAPH 2026*
4. **Gregory-Enhanced C^0 Generalized Coons Patches for Character Animation**
Manuscript in preparation for submission to *SIGGRAPH 2026*

👥 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

i MISCELLANEOUS

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