

CURRICULUM VITAE

Liu Zhixiang (Doctor of Engineering)

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PROFESSIONAL EXPERIENCE

since 01/2019 **Senior Geotechnical Engineer, Bentley Systems (China) Co., Ltd.**

- Chartered Geotechnical Engineer (Nationally Certified, China)
- Completed advanced technical training at Plaxis b.v. (Netherlands headquarters) on three occasions
- 18-year track record in research and instruction of PLAXIS Advanced Application Technologies

02/2008 **Civil King Information Technology, as a**
- present **Geotechnical Advisor for PLAXIS**

- PLAXIS 2D & 3D China localization for the version before 2012
- Provided training and consulting for over 200 Plaxis clients
- Secondary development with PLAXIS, compile CAD files to command lines for PLAXIS3D

PERSON RESUME

- Chief Editor of a nationally published textbook with sales exceeding 10,000 copies. Author of the following technical publications:
 - PLAXIS Geotechnical Software User Guide
 - Fundamental Tutorials for PLAXIS 3D
 - Fundamental Tutorials for PLAXIS 2D
 - Advanced Applications of PLAXIS
- Key Project Experience: Conducted numerical simulation analysis and design for over 100 projects of varying scales, including:
 - Artificial Islands for the Hong Kong-Zhuhai-Macao Bridge
 - Deep Foundation Pit Analysis for China Zun Tower (Beijing CITIC Tower)
 - Pile-Raft Interaction Analysis for Universal Studios Theme Hotel
 - Foundation Pit Analysis for Tianjin CTF Finance Centre
 - Landslide Stability Assessment in the Three Gorges Reservoir Area
- Research Collaboration:
 - Executed dozens of joint research initiatives with leading universities.
- Publications:
 - Author of numerous peer-reviewed papers in geotechnical engineering and computational mechanics.