

Tae Jin Ju, P.E.

Design Engineer

Education

North Carolina State University, Raleigh, NC
M.S. in Civil Engineering, December 2001

Kyung-Gi University, Suwon, Korea
B.S. in Civil Engineering, February 1997

Experience

Subsurface Construction Company, Raleigh, NC
Design Engineer, May, 2002 to Present

- Designing various shoring systems using soil nails, anchors and mini piles. Additionally planning and performing field tests for soil nails and anchors.

H. C. Nutting Company, Charleston, WV
Staff Geotechnical Engineer, 01/02 – 05/02

- Worked on WVDOT projects to develop local routes or highways. Focused on analysis for slope stability using PCSTABL 6H. Prepared and submitted design recommendation reports.

North Carolina State University, Raleigh, NC
Research Assistant, 09/00 – 09/01

- Worked on a research project to characterize the performance of reinforced aggregate base course placed over soft foundation soil and subjected to cyclic loading.

Dong Ah Construction Industrial Co. Ltd, Seoul, Korea

Project Manager (The Kwang-Yang Port Development Project), 12/96 – 05/00

- Responsibilities included monitoring and controlling the construction of the Kwang-Yang great bridge, subsidiary roads and facilities.

Mobum General Construction Co. Ltd, Seoul, Korea

Engineering Assistant, 06/96 – 12/96

- Responsibilities included design and drafting small retaining structures and drainage facilities.

Registration & Certification

- Professional Engineer - North Carolina
- Completed and certified for Troxler Nuclear Gauge Radiation and Control (11/00)