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RESUME

STUDIES:

2004-2011: Civil Engineering Master's Degree (Diploma) at Aristotle University of Thessaloniki with honors (Greece)

WORKING EXPERIENCE:

July 2010 –present: co-development partner at Deep Excavation LLC, New York, USA (software development, geo engineering documentation verification, geo technical design for various projects, professional training, participation in different geo technical professional events as a consultant, deep excavations design workshop instructor). Senior Engineer in Deep Excavation LLC

2012 - Participation to the research program of Aristotle University of Thessaloniki, Greece - software development of a new concrete member design program.

2009 –2010 Greek Military Engineering department – Participation in military project design.

PROFESSIONAL LICENSES & TRAINING

European civil engineering license

E.I.T.

NOTABLE PROJECTS

- **Braced excavation design for elevator shaft, MI:** Design of deep excavation – supporting soldier pile walls
- **Braced excavation design for Los Angeles metro stations, CA:** La Brea Station, Fairfax Station
- **Soil nailing wall design, Apple headquarters, CA:** Design of soil nailing wall
- **Design of helical pile foundations for container home project, TX:** Analyzed and designed the helical pile foundations
- **Design of helical pile foundations for Corocora electricity towers project, Colombia:** Analyzed and designed a helical pile foundation system for supporting the electricity towers
- **Design of helical pile foundations in La Bocana, Colombia:** Analyzed and designed the helical pile foundations
- **Design of helical pile foundations, OH:** Analyzed and designed the helical pile foundations
- **Design of helical pile foundations for Florida Tanks project, FL:** Analyzed and designed the helical pile foundations

SOFTWARE DEVELOPMENT PROJECTS:

- Development assistance in the software program DeepXcav-DeepEX at Deep Excavation LLC. Programming, document preparation, technical support, marketing materials.
- Co-development of the software program RCsolver, with Dimitrios Konstantakos (P.E. New York, Deep Excavation LLC) and Anastasios Sextos (PhD, assistant professor at A.U.TH.).

COMPUTER LITERACY:

Professional user of Windows (XP, 2000, Vista, 7, 8, 10), Microsoft Office (Word, Excel, Power Point), AutoCAD, Visual Basic 6, Visual Basic.NET (programming – Visual Studio 2008, 2010, 2016), ANSYS, SAP Nonlinear, RISA, DeepXcav-DeepEX, DeepFND, HelixPile, SnailPlus, RCsolver.

PC Certification: Certified by Aristotle University of Thessaloniki.

LANGUAGES:

German: Professional Level: Mittelstufe Zertificat (C1) (May 2009)

Italian: Average Level (2010-2011), language center Thessaloniki, Greece

English: Professional Level: Advanced Certificate in English (May 2005)

Greek: Native speaker

STUDIES - PUBLICATIONS:

- Diploma Thesis: "Software development for the design of concrete members according to Greek and European Standards"

- "Advantages and limitations of ultimate limit state design methods for braced excavations", ASCE Conf. Proc. doi:10.1061/41128(384)82, Earth Retention Conference 3, Bellevue, Seattle, WA, August 1-4, 2010, secondary author.

CONFERENCES:

December 9, 2005: 12^o Conference of the Students of Civil Engineering Association «Thessaloniki, development projects Airport», Thessaloniki, Greece

June 11-12, 2006: Scientific workshop «Environment and Technology. The future of societies», Thessaloniki, Greece

March 17-21, 2015: IFCEE (International Foundations Congress and Equipment Expo) 2015, San Antonio, Texas, USA

October 12-15, 2015: 40th annual Conference on Deep Foundations, DFI, Oakland, California, USA

February 14-17, 2016: Geotechnical and Structural Engineering Conference, Phoenix, Arizona, USA

October 12-14, 2016: 41th annual Conference on Deep Foundations, DFI, New York, New York, USA

March 12-15, 2017: Geotechnical Frontiers 2017, Orlando, Florida, USA

October 24-27, 2017: 42nd annual Conference on Deep Foundations, DFI, New Orleans, Louisiana, USA

March 5-10, 2018: IFCEE (International Foundations Congress and Equipment Expo) 2018, Orlando, Florida, USA

June 27-29, 2018: SuperPile 2018, Piling Design and Construction Conference, DFI, New York, New York, USA

October 24-27, 2018: 43rd annual Conference on Deep Foundations, DFI, Anaheim, California, USA

March 24-29, 2019: Geo-Congress 2019, Philadelphia, Pennsylvania, USA

October 15-18, 2019: 44th annual Conference on Deep Foundations, DFI, Chicago, Illinois, USA

February 25-28, 2020: Geo-Congress 2020, Minneapolis, Minnesota, USA

September 2-8, 2022: World Tunnel Congress 2022, Copenhagen, Denmark

October 4-7, 2022: 47th annual Conference on Deep Foundations, DFI, National Harbor, Maryland, USA

HOBBIES:

Music, Theater, Cinema, Travels
Member of the group «Cinmagroup» of the Students of Civil Engineering Association, Aristotle University of Thessaloniki, Greece

Driving license in European Union (Greece)