

Kami Mohammadi

Civil and Environmental Engineering
Georgia Institute of Technology, Atlanta, GA
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EDUCATION

- Ph.D. (Exp. 2015) **Geotechnical Engineering, Minor in Mathematics**
Georgia Institute of Technology, Atlanta, USA
Thesis: Three-Dimensional Topographic Amplification of Seismic Ground Motion on Convex Features
Advisor: Professor D. Asimaki
- M.Sc. (2013) **Geotechnical Engineering**
Georgia Institute of Technology, Atlanta, USA
- M.Sc. (2005) **Geotechnical Engineering**
School of Engineering, University of Tehran, Tehran, Iran
Thesis: Evaluation of Dynamic Response of Embedded Pile in Transversely Isotropic Media Using Hybrid Elements (Radiation and Finite)
Advisor: Professor A. Noorzad
- B.Sc. (2003) **Civil Engineering**
Chamran University of Ahvaz, Ahvaz, Iran

PROFESSIONAL EXPERIENCES

- 2010- Present **Georgia Institute of Technology**, Atlanta, USA
Graduate Research Assistant
Graduate Teaching Assistant – Geotechnical Engineering (Fall 2013, Spring 2014)
Instructor – Dynamics (Spring 2013, Summer 2014)
- 2008- 2010 **Gamanekhav Consultant Engineers**, Tehran, Iran
Senior Geotechnical and Earthquake Design Engineer – Technical Manager
- 2006- 2008 **SAHEL Consultant Engineers**, Tehran, Iran
Senior Geotechnical and Earthquake Design Engineer
- 2005- 2006 **Parsian HV Substation Development Co.**, Tehran, Iran
Structural and Geotechnical Design Engineer
- 2004- 2005 **DaryaKhakPay Consultant Engineers**, Tehran, Iran
Geotechnical and Earthquake Design Engineer

COMPUTER SKILLS

- Geotechnical Engineering:** FLAC, PFC, PLAXIS, GEOSTUDIO, PHASE2
Structural Engineering: SAP, ETABS, SAFE, STAAD PRO
Earthquake Engineering: SHAKE2000, EERA/NERA, DEEPSOIL, SEISMOSIGNAL
Programming: FORTRAN, C++, PYTHON, VISUAL BASIC, LISP
Others: LS-DYNA, ABAQUS, MATLAB, MAPLE, AUTOCAD