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B.Sc., M.Sc. & Ph.D. in Engineering

OBJECTIVE

To reach a spectacular civil engineering career and leaving a critical trace into the civilization in the honor of engineering morality is my career target.

My research interests are:

+ Bridge health monitoring
+ Image processing
+ Earthquake resistant design
+ Sustainable structures

EDUCATION

University of Central Florida
Ph.D. in Structural Engineering
2014-2017, GPA:3.95

METU Technical University
M.Sc. in Structural Engineering
2012 – 2014, GPA: 3.50 (WES)

University of Oklahoma
Exchange Student Program
2011 – 2012

Bogazici University
B.Sc. in Civil Engineering
2007 – 2012, GPA: 3.24 (WES)

EXPERIENCE

Doctoral Research Fellow
University of Central Florida,
Orlando, FL (01.2016 – Current)
+ *Structural Health Monitoring*

Structural Engineer
Yuksel Project International Inc.,
Ankara, TURKEY (2014 – 2015)
+ *Seismic RC design of railway and highway bridges and overpasses.*

Transportation Engineer
Yuksel Project International Inc.,
Ankara, TURKEY (2012 – 2014)
+ *Highway & railway project design*
+ *Transportation management*

Graduate Assistant
Middle East Technical University,
Ankara, TURKEY (09.2012 – 12.2012)
+ *Teaching experience in Advanced Structural Analysis*

REFERRALS

	Title	Institution	Contact
F. Necati Catbas	Professor	UCF-CITRS	catbas@ucf.edu
Omer Tatari	Professor	UCF-CECE	tatari@ ucf.edu

SKILLS

Language Skills
Turkish
English
Russian

Computer Programming
Compiled Languages
(C, C++, C#, VB, Java)
Interpreted Languages
(Tcl, VBA, MATLAB, JS)
Web Environment Languages
(PHP, HTML, CSS)

Engineering Expertise
Earthquake Resistant Design
Bridge Geotechnical Design
Transportation Project Design

RESEARCH ACTIVITIES

Ph.D. Thesis Research
NDE Integrated Smart Infrastructure Network Management

Most Recently Published
"FIST: Framework for Infrastructure Support Technologies, a Decision Support Implementation for Bridge Networks", TRB Conference
"Seismic Performance Assessment of typical mid-height wide beam frame buildings", Submitted in March 2016, ACI Structural Journal
"Comparative Life Cycle Assessment of Sport Utility Vehicles with Different Fuel Options", Submitted in April 2016, Int. Journal of LCA

PARTICIPATION

SEI Graduate Student Chapter president at UCF, ACI Student Member, ASCE Student Member, UCF ABC Student Chapter