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Sabanci Universitesi Orta Mahalle,
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EDUCATION

2011- present	Sabanci University, Istanbul, Turkey MSc. (tuition waver scholarship) Department of Materials Science and Engineering Expected graduation June 2013
Oct. 2012	5 th School in Biological Physics of Protein Folding and Conformational Diseases" organized by I2CAM, FAPERJ, and CeBEM Rio de Janeiro, Sept. 30-Oct. 6, 2012
Aug. 2009	Summer course on Molecular Dynamics by <i>Prof. Dirk Zahn</i> from Max-Planck Institute for Chemical Physics of Solids
2005-2010	Koc University, Istanbul, Turkey BS (full merit scholarship and stipend) Department of Chemistry Graduation date: July-2010
2001-2005	Nisantasi Anatolian High School, Istanbul, Turkey

GRANTS AND AWARDS

Oct. 2012	Full scholarship for 5 th School in Biological Physics of Protein Folding and Conformational Diseases" organized by I2CAM, FAPERJ, and CeBEM Rio de Janeiro, Sept. 30-Oct. 6, 2012
Feb. 2012	Excellence in Teaching Award for Math-101 (calculus-I) course (Fall 2011)
Aug. – Dec. 2010	Scholarship for internship from Max Planck Institute of Chemical Physics of Solids in Dresden, Germany
July - Sept. 2009	Scholarship for internship from IAESTE (the International Association for the Exchange of Students for Technical Experience) Department of Thermal Process Engineering (TVT) at Martin Luther University Halle-Wittenberg, Germany
2007	Certificated for taking an active role in the organisations carried out by the Science Society in Koç University in the academic year 2006-2007

Aug. 2005	Full scholarship and stipend from Koc University due to success in the nationwide University Entrance Examination (OSS)
Aug. 2005	TUBITAK (BAYG) basic sciences university scholarship program due to success in the nationwide University Entrance Examination (OSS)
Jan. 2005	Award for outstanding achievements in the field of science and first place in competition organized by Ministry of National Education as a result of scientific project between highschoools in Istanbul, Turkey Measuring the Oxygenation in the Frontal Lobe of the Brain during the Cognitive Activity Collaboration with Assoc. Prof. Ata Akin from Institute of Biomedical Engineering, Bogazici University, Istanbul/Turkey

RESEARCH EXPERIENCES

August - present 2011	Ongoing TUBITAK (The Scientific and Technological Research Council of Turkey) project entitled “Structural Analysis and Classification of Protein Conformational Motions by Perturbation Response Scanning and Molecular Dynamics” supervised by <i>Prof. Canan Atilgan and Prof. Ali Rana Atilgan</i> Sabanci University, Istanbul, Turkey
July- Dec. 2010	Electronic Structure, Bonding and Ground State Properties of Re_7B_3 Intern under supervision of <i>Asst. Prof. Alim Ormeci</i> Max Planck Institute of Chemical Physics of Solids, Dresden, Germany
Sept. 2009 - July 2010	Vibrational Spectroscopic Analyses of the Azido complexes of Au, Cu, Ag and Pd by Quantum Chemical Methods under supervision of <i>Prof. Mehmet Somer</i> Inorganic Synthesis/X-ray Diffraction Laboratory Koc University, Istanbul, Turkey
July-Aug. 2009	Molecular Dynamics and Modeling on “Agglomeration of Caprolactam Molecules in Aqueous Solutions” Summer Internship in Department of Thermal Process Engineering under supervision of <i>Dr. Christiane Schmidt</i> Martin Luther University Halle, Wittenberg, Germany

TEACHING EXPERIENCE

Assistant at Sabanci University

2013 Spring Term	NS 102	Science of Nature II
2012 Fall Term	Math 101	Calculus I
2012 Spring Term	Mat 306	Computational Techniques for Materials Science
2011 Fall Term	Math 101	Calculus I

RELATED PROFESSIONAL EXPERIENCE or WORK EXPERIENCE

2011 January- August	Full-time employee as a personal teaching assistant at Koc University Office of Learning and Teaching (KOLT)
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2006-2008

pre-lab work for laboratory section of Organic Chemistry I-II, General Chemistry I-II, and Physical Chemistry I-II courses
part time working student, at Polymer Research Laboratory of *Prof. Iskender Yilgor*, Koc University

PROFESSIONAL ASSOCIATIONS

ICAM-I2CAM Institute for Complex Adaptive Matter

CONFERENCES

Atilgan C., Guven, G., Atilgan, A.R. (2013) Control of Open – Closed Conformers of Ferric Binding Proteins by Local and Environmental Perturbations, Talk is going to be delivered on 246th ACS National Meeting & Exposition -September 8-12, 2013, Indianapolis, IN

(2013) Chemistry Synthesis and characterization of ReB_2 and Re_7B_3 as superhard materials
Poster presentation is going to be held on 14th European Conference on Solid State Chemistry, Bordeaux, France, June 7th-10th

Guyen, G., Atilgan, A.R., Atilgan, C. (2012) Structural Analysis of Ferric Binding Protein Conformational Motions by Perturbation Response Scanning & Molecular Dynamics. Poster presentation delivered at 5th *School in Biological Physics* of Protein Folding and Conformational Diseases" organized by I2CAM, FAPERJ, and CeBEM Rio de Janeiro, Sept. 30-Oct. 6, 2012,

Guyen, G., Atilgan, A.R., Atilgan, C. (2012) Structural Analysis of Ferric Binding Protein Conformational Motions. Short talk delivered at Sabanci University Workshop on Molecular Dynamics, Sept., Istanbul, Turkey 2012

Guyen, G., Atilgan, A.R., Atilgan, C. (2012) Structural Analysis of Ferric Binding Protein Conformational Motions by Perturbation Response Scanning & Molecular Dynamics. Poster presentation delivered at Workshop on the Allosteric Mechanisms in Protein Regulation at Koc University, Istanbul, Turkey, July, 2012

Guyen, G., Atilgan, A.R., Atilgan, C. (2012) Structural Analysis of Ferric Binding Protein Conformational Motions by Perturbation Response Scanning and Molecular Dynamics. Short talk delivered at 19. Istanbul Statistical Physics Days, Sabanci University, Istanbul, Turkey, 28-30 June 2012.

SKILLS

Programming:	Matlab (Advanced), Fortran (Beginner), TCL/TK (intermediate), Phyton (Beginner)
Programs:	MS Office, Gaussian03, MSDS, Cerius2, FPLO-9, SIESTA, NAMD, VMD, Modeller, and Molecular Dynamics-Molecular Modelling and Bioinformatics Tools
Languages:	Turkish (Native), English (Fluent)

EXTRA CURRICULAR ACTIVITIES

2011- present Sabanci University Animal Rights Club

2011-2012 Sabanci University Graduate Union Club representative of Faculty of Engineering and Natural Sciences

2008- 2010	Comptroller of the Koc University IAESTE club Koc University Coordinator of IAESTE GTG(Get Together) Istanbul event in 2009
2005-2009	Secretary and member of Mountaineering Clup of Koc University (KUDAK) Camping, trekking and climbing activities
2005-2008	Koc University Aikido Club president Weekly training at Koc University Sports Center
2005-2008	Koc University Science Society member
2005-2007	Koc University Cinema Club member
2007	Volunteer student in 2007 Koc University European Championship
2005-2010	Founder of the East Asian Literature and Culture group in Koc University
2004	Founder of Bird Watching Community at Nisantasi Anatolian High School

PERSONAL INTERESTS

Charcoal drawing, painting, readings on science, mythology, religions, and comics, East Asian Culture and literature, aikido, skating, travelling, hiking, birdwatching.

REFERENCES

Prof. Canan Atilgan, Ph.D.
MIDST (Multiscale Interactions and Dynamical Systems Theme) Laboratory
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School of Engineering and Natural Sciences
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Prof. Mehmet Somer, Ph.D.
Inorganic Synthesis/X-ray Diffraction Laboratory
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