Adrian Aycan Corum

Soganlik Orta Mah Yalniz Selvi Cad Uplife Park E30, Kartal, 34880 Istanbul/Turkey
+90 532 602 2840 - aycanc@sabanciuniv.edu

EDUCATION

2010 – Present	**Sabanci University, Istanbul/Turkey** M.Sc. in Electronics Engineering, Expected Graduation: June, 2012 Current GPA: 4.00 / 4.00 (Currently ranked 1st in the department & faculty)
2005 – 2010	**Sabanci University, Istanbul/Turkey** B.Sc. in Electronics Engineering, Graduation: June, 2010 Minor in Mathematics Completed course requirements for Physics minor GPA: 4.00 / 4.00 (First and only to graduate with 4.00 GPA in the faculty)
2002 – 2005	**Huseyin Avni Sozen Anatolian High School, Istanbul/Turkey** GPA: 5.00 / 5.00 (Ranked 1st among about 100)

AWARDS AND SCHOLARSHIPS

2011	**2010 – 2011 Academic Year Teaching Assistant Award, 1st place,** nominated by about 30 students separately with reference letters and chosen by Dean's Council.
2010 - 2012	**Domestic Master Scholarship Program,** The Scientific and Technological Council of Turkey (TUBITAK).
2010 - 2012	**Full Scholarship for Master's Program,** Sabanci University.
2010	**"First Rank in the Faculty – Sakip Sabanci Reward"**, 40 Turkish gold coins (worth approx. $11,000), Sabanci University.
2007 - 2011	**Sabanci University Extracurricular Activities Award,** awarded four times in total; for activities in "Tea Talks with Leaders and CEOs" organization (2010, 2011), peer tutoring (2010), and contributions to Sabanci University literary magazine "Okyanus" (2007).
Summer 2007	**German study-abroad program**, International House Berlin PROLOG, as a reward for contribution to "International Conference on Foreign Language Education", Sabanci University, May 2007.
2005 - 2010	**Certificate of High Honor** (Academic Standing), for achieving 4.00 GPA each semester.
2005 - 2010	**Sakip Sabanci Outstanding Success (Full) Scholarship,** granted to only the first 6 entrants to the university with respect to the rank in nationwide university entrance exam in 2005.
2005	**Ranked 16th** in the Turkish nationwide university entrance exam among more than 1.5 million high-school graduates.

ACADEMIC PROJECTS

2011 - Present	**Efficient Optimization Algorithms for Estimation of Smooth Isotonic Covariances, with Application to Portfolio Selection** (Master's Thesis), Sabanci University. Supervisor: Prof. Mujdat Cetin.
Summer 2010	**Asymptotic Analysis of MAP Estimation via the Replica Method and Applications to Compressed Sensing** (2-month research visit), MIT, Boston, USA. Supervisor: Prof. Vivek K. Goyal, RLE.
2008 – 2009	**GPRS/802.11/GPS Air Pollution Measurement Network** (Graduation Project), Sabanci University. Developed both hardware and software. Supervisor: Prof. Ibrahim Tekin.
Summer 2008	**Electrostatically Tunable Resonant Optical Nano-antenna** *and* **Wavelength Dependent Opto-Electronic Current Inducing In Carbon Nanotube Based Field Effect Transistors** (Internship - two independent projects)**,** Max Planck Institute for Solid State Research, Stuttgart, Germany. Supervisor: Dr. Ralf Vogelgesang.
Summer 2007	**Characterization of Gold Nanoparticles with Near-Field Scanning Optical Microscopy Project:** Took part in the project by NSOM imaging and usage. Supervisor: Cleva Ow-Yang.

WORKING PAPER

2011	**Smooth Isotonic Covariances: Risk Modelling and Portfolio Selection**, (with Dmitry Malioutov and Mujdat Cetin, to be submitted to *the Journal of Banking and Finance*).

TEACHING ASSISTANTSHIPS

Fall 2011, Fall 2010	**Intro. to Probability** (MATH 203): Taught two recitation sections per week (50 students). Course instructor: Prof. Semih Sezer (2011), Prof. Ulug Capar (2010).
Spring 2011	**Statistical Modelling** (MATH 306), Course instructor: Prof. Ulug Capar. **Intro. to Stochastic Calculus** (MATH 410), Course instructor: Prof. Ulug Capar.
Fall 2009	**Intro. to Mathematical Analysis** (MATH 301), Course intructor: Prof. Albert Erkip. **Intro. to Computing** (CS 201): Taught one recitation section per week (20 students). Course intructor: Prof. Gulsen Demiroz

OTHER EMPLOYMENT

Spring 2011	**How to Establish Turkey Even Further in the Economic Agenda of US Companies?** (3-month internship)**:** The Boston Consulting Group (in collaboration with Turkish American Business Council), Istanbul, Turkey. Supervisor: Burak Tansan.

RELEVANT EXTRACURRICULAR ACTIVITIES

2011	Participant at **Young Scholars Seminars, Global Relations Forum** (Turkish think-tank)**:** The program is designed for up to 15 students selected from among current undergraduates and postgraduates at leading Turkish universities, comprising 8-10 seminars; students present a policy recommendation letter at the end.
2009 - Present	**Tea Talks with Leaders and CEOs Abroad:** Co-organized meetings between • 8 top executive managers in Vienna, Austria (Spring 2011) • 8 CEOs and 1 chairman in Singapore (Fall 2010) • 10 top executive managers in Paris, France (Spring 2010) • 9 top executive managers in Frankfurt & Dusseldorf, Germany (Fall 2009) and a team of 15 students from "Tea Talks with Leaders and CEOs" student organization. Led and supervised a team of 10 students for the arrangement of these meetings in Vienna and Singapore. Participated in the meetings in Singapore and Germany.
2009 – Present	**Tea Talks with Leaders and CEOs Istanbul:** Visited many CEOs and top executives at their firms in Istanbul, as part of a team of 15 students from "Tea Talks with Leaders and CEOs" student organization.
2009 - 2010	**Peer Tutoring:** Tutored 10 freshmen and preparatory students.
May 2007	Plenary Presenter, with presentation *From Identity of Language to Language of Identity*; in the **International Conference on Foreign Language Education, *Tuning in: Learners of Language, Language of Learners***, School of Languages, Sabanci University.
2005 - 2006	**Civic Involvement Project (CIP)**, Kaptan-i Derya Elementary School, Istanbul, Turkey. Guided a 3rd grade class of 57 children by communicating effectively at their level in 2-person teams. Supervisor: Tara Hopkins.

STUDENT CLUB AND OTHER BOARD MEMBERSHIPS

2010 - 2012	**Sabanci University Alumni Association,** Management Board Member.
2010 - 2011	**Sabanci University Management Club,** Management Board Member.
2010 - 2011	**"Tea Talks with Leaders and CEOs" Organization,** President and representative of organization of over 100 student members in Management Club.