

SERKAN SARITAŞ

PERSONAL

Born August 2, 1988 in Karaman. Citizen of Republic of Turkey. Speaks Turkish (native) and English (fluent).

EDUCATION

2013-(exp. 2017) **Doctor of Philosophy (PhD) in Electrical and Electronics Engineering**, *Bilkent University*, Ankara

2010-2013 **Master of Science (MS) in Computer Engineering**, *Bilkent University*, Ankara
CGPA: 3.49/4.00
Thesis Title: Analysis of Android Random Number Generator
Thesis Advisor: Dr. Ali Aydın Selçuk

2006-2010 **Bachelor of Science (BS) in Electrical and Electronics Engineering**, *Bilkent University*, Ankara
CGPA: 3.77/4.00

2005-2006 **English Preparatory School** *Bilkent University School of English Language*, Ankara

2002-2005 **High School** *İzmir Science High School*, İzmir
CGPA: 4.98/5.00

1994-2002 **Primary-Secondary School** *Naciye Havva Manavuşak Primary School*, Antalya
CGPA: 5.00/5.00

WORK EXPERIENCE

December 14, 2010 – September 12, 2013 *Prime Ministry*, Ankara, TURKEY
Electrical and Electronics Engineer

INTERNSHIPS

August 17, 2009 – September 11, 2009 *ASELSAN - Defense Systems Technologies (SST) - Sonar System Technologies*, Ankara, TURKEY
Topic: Underwater Simulation using MATLAB

June 2, 2008 – July 25, 2008 *Bilkent University Computational Electromagnetics Research Center (BiLCEM)*, Ankara, TURKEY
Topic: Electromagnetic Scattering by Photonic-Crystal Slabs

AWARDS and ACHIEVEMENTS

- Scholarship for Ph.D. Degree, Provided by TÜBİTAK, while ranked 2nd nationwide
- Bilkent University Ph.D. Scholarship
- Ranked 1st among 269 thousand candidates in Academic Personnel and Postgraduate Education Entrance Examination (ALES) (2013 Spring)
- Ranked 2nd among 223 thousand candidates in Academic Personnel and Postgraduate Education Entrance Examination (ALES) (2012 Fall)
- Scholarship for M.S. Degree, Provided by TÜBİTAK
- Bilkent University Graduate Scholarship
- Ranked 2nd among 1.5 million candidates in the University Entrance Examination (ÖSS) (2005) Full scholarship awarded by Bilkent University
- Bronze medalist in 12th National Mathematics Olympiad (TÜBİTAK) (2004)
- Passed first stage of 12th National Mathematics Olympiad (TÜBİTAK) while ranked 3rd in Region of Aegean (2004)
- Silver medalist in 9th Mediterranean Mathematics Olympiad (AKDENİZ UNIVERSITY) (2004)
- Passed first stage of 11th National Mathematics Olympiad (TÜBİTAK) (2003)
- Got mention in 8th Mediterranean Mathematics Olympiad (AKDENİZ UNIVERSITY) (2003)
- Ranked 8th in Total Category and 13th in Science Category among half million candidates in the High School Entrance Examination (LGS) (2002)
- Bronze medalist in 7th National Secondary School Mathematics Olympiad (TÜBİTAK) (2002)
- Bronze medalist in 6th National Secondary School Mathematics Olympiad (TÜBİTAK) (2001)

CONFERENCE PUBLICATION

1- Ö. Ergül, T. Malas, S. Kılinc, **S. Saritas**, and L. Gürel, "Analysis of photonic-crystal problems with MLFMA and approximate schur preconditioners," *Computational Electromagnetics Workshop (CEM'09)*, Izmir, Turkey, July 2009.

PROGRAMMING SKILLS

MATLAB, C, C++, Java, VHDL, Verilog, SQL, FORTRAN, PSPICE, Maple, I-DEAS, Assembly and MIPS (8051 microcontroller), Lex and Yacc, LISP

INTEREST AREAS

Detection-Estimation, Signals, Algorithms, Cryptology, Network Security

HOBBIES

Orienteering, walking, music, books