

CONTACT

INFORMATION

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 Web Site: <http://www.emrealadag.com>

RESEARCH
INTERESTS

Brain, Social and Bioinformatic Network Analysis, Visualization, Graph Drawing

EDUCATION

Boğaziçi University, İstanbul, Turkey
 2011 - 2015 (Expected): PhD. Computer Engineering

Taking Courses: Complex Networks, Social & Semantic Web, AI
 Supervisor: Assist. Prof. Haluk Bingöl

Kadir Has University, İstanbul, Turkey
 2009 - 2011: M.Sc. Computer Engineering (4.00 / 4.00)

Thesis Topic: Visualization of Protein-Protein Interaction Networks
 Supervisor: Assoc. Prof. Cesim Erten

Carleton University, Ottawa, ON, Canada
 January 2009 - April 2009: Exchange BSc, Computer Science

Işık University, İstanbul, Turkey
 2005 - 2009 : B.Sc., Computer Science & Engineering (3.74 / 4.00)

Thesis Topic: Driver Recognition Using Data Mining Techniques
 Supervisor: Assist. Prof. M. Taner Eskil

Kadir Has Anadolu High School, İstanbul, Turkey
 2001 - 2005 : H.S., Science (5.00 / 5.00)

PUBLICATIONS

- A.E. Aladağ, C. Erten, M. Sözdinler, "An integrated model for visualizing bi-clusters from gene expression data and PPI networks", Proc. International Symposium on Biocomputing, no.24, 2010.
- A.E. Aladağ, C. Erten, M. Sözdinler, "Reliability Oriented Bioinformatic Networks Visualization", Bioinformatics, vol 27, pp. 1583-1584, 2011.

ACADEMIC AND
PROFESSIONAL
EXPERIENCE

Kadir Has University Computer Engineering Department
Research Assistant (funded by TÜBİTAK) September 2009 – Present
 Analysis, visualization and verification of Protein-Protein Interaction Networks with Co-Ontology and Co-Expression concepts.
 Project: Robinviz (Reliability Oriented Bioinformatic Network Visualization)
 Supervisor: Assoc. Prof. Cesim Erten
Teaching Assistant September 2009 – Present

- Crash Python Course to Introduction to Computational Biology class.
- Crash Java Course to Data Structures and Algorithms class.
- Exam, Homework, Project grading on Discrete Mathematics, Data Structures and Algorithms, Analysis of Algorithms and Introduction to Computational Biology courses.

National Research Institute of Electronics and Cryptology (TÜBİTAK/UEKAE)
 Pardus Linux Project, Kocaeli, Turkey.
Software Engineering Intern August 2008 – September 2008.

	Alcatel-Lucent, İstanbul, Turkey <i>Software Engineering Intern</i>	July 2008 – August 2008
	Tellcom, İstanbul, Turkey <i>Network Intern</i>	July 2007 – August 2007
	Işık University Computer Science & Engineering Department <i>Teaching Assistant</i>	September 2006 – June 2007
	Supervised in the labs of the course Introduction to Programming (on C Programming Language)	
SKILLS	Knowledge on Python, GUI Design and Visualization with Qt4, Java, C, PHP, Javascript, Linux, SVN, GIT, SQL, Oracle 10g, L ^A T _E X Familiarity with Scheme, Prolog, Matlab	
PRESENTATIONS AND SEMINARS GIVEN	<ul style="list-style-type: none"> • Robinviz - Project presentation to faculty, 2010. • Linux Seminars to 500 people in total, 2007, 2008 and 2010. • Intensive Python Trainings, 2008 and 2011. • Python for Java Programmers Seminar to Alcatel-Lucent employees, 2008. 	
ACHIEVEMENTS AND AWARDS	Kadir Has University	
	<ul style="list-style-type: none"> • Full tuition award 	2009 – 2011
	Işık University	
	<ul style="list-style-type: none"> • <i>Ranked 2nd</i> with High Honor Award among 2009 CSE graduates. • <i>Top 500 with 97.6 / 100 points in ALES</i> (Academic Staff and Graduate Education Entrance Examination) among 142.184 students in Turkey. • Fellowship for Oracle DBA Training from Bilginç IT Academy (Oracle University). • Full tuition award • Admitted as the top student. 	2009 2008 2008 2005 – 2009 2005
	Kadir Has Anadolu High School	
	<ul style="list-style-type: none"> • Ranked <i>Top 6000</i> in ÖSS Sayısal, <i>Top 2000</i> in ÖSS Sözel. • <i>Ranked 1st</i> among 150 graduates • <i>In Top 20</i> in the National Computer Contest of Bilgi University, İstanbul 	2005 2005 2004
MEMBERSHIPS	Computer Club, Işık University	
	<i>Supervising Board Member</i>	June 2008 – June 2009
	<i>Vice President, Activity Organizer</i>	September 2007 – May 2008
	<i>President</i>	October 2006 – June 2007
	IEEE Student Branch, Işık University	
	<i>Technical Director, Project Coordinator</i>	2007 – 2009
	KDE Turkey	
	<i>Turkish Translator</i>	2006 – Present
LANGUAGES	Turkish : Native Speaker English : Fluent - TOEFL iBT: 108 (R29 L26 S26 W27) German : Beginner	

COURSEWORK **Undergraduate Courses Taken:** Data Structures, Analysis of Algorithms, Computer Graphics, Operating Systems, Computer Organization, Principles of Programming Languages, Database Systems, Software Engineering, Computer Networks, Bioinformatics, Applied Cryptography, Engineering Statistics, Game Theory, Robotics
Graduate Courses Taken: Parallel Programming, Systems Programming, Operating Systems, Data Mining and Warehousing, Design and Analysis of Algorithms, Client and Server Side Web Programming, Engineering Optimization and Algorithms (as guest student)

HOBBIES AND INTERESTS Paper Marbling (Ebru Art), Playing the Piano, Photography, Short Movie Making, Acting, Chess, Table Tennis, Psychology

REFERENCES Available upon request.