

Arman Boyacı

Birth: 11.02.1984 @ Istanbul,TURKEY
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Research Interests

Mainly Combinatorial Optimization, Graph Theory and Algorithms and Its Applications
also interested in Machine Learning, Pattern Recognition.

Education

Boğaziçi University Istanbul, Turkey
Ph.D Industrial Engineering 2009–
Significant courses taken : Combinatorial Optimization, Graph Algorithms,
Bayesian Statistics, Artificial Neural Networks
Current GPA : 4.00^{/4}

Boğaziçi University Istanbul, Turkey
M.S. Industrial Engineering 2007–2009
Thesis Topic : *Unit Disk Graph Coloring And Its Reoptimization*, Advisor: Tinaz EKIM ASICI
Participation to 7th Annual NoNA Spring School on Algorithms, Graph Theory and Combinatorics,
Istanbul 2009
Significant courses taken : Optimization Techniques, Graph Theory, Heuristic Methods, Stochastic
Processes, Statistical Inference, Pattern Recognition
GPA : 3.38^{/4}

Galatasaray University Istanbul, Turkey
B.S. Industrial Engineering 2003–2007
Thesis Topic : *Development of a Web-Based Digital Mapping Tool to Model the Vehicle Routing
Problem*, Advisor : Orhan FEYZIOGLU
GPA: 3.29^{/4}

Honors and Awards

Finalist, TURKCELL's "Mobil Gelecek" Contest, Summer 2008
First Prize, National Young Industrial Engineers Student Competition, Spring 2007
Sustainable New Product Development: A Case Study on Detergent Sector
Scholarship, TUBITAK(National Science and Technology Organization), Fall 2007
Scholarship, TUBITAK(National Science and Technology Organization), Fall 2009

Computer Skills

Mathematical Programming: GAMS, FLOPCPP(Modeling), CLP,CBC(Solver)
Computation: MATLAB, R(Statistics)
Web: HTML, CSS, JAVASCRIPT, PHP, GOOGLE MAPS API
Other: L^AT_EX, PHOTOSHOP, SONY VEGAS(Video Editing)

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Language

Turkish(native),English(fluent), French(fluent), Italian(elementary)

Employment

Boğaziçi University

Teaching Assistant

Graph Theory And Applications

Istanbul, Turkey

Spring 2010

Galatasaray University

Webmaster

Database(POSTGRESQL) driven web site design and management

Technical support for linux-based(FEDORA) web server

Design and implementation of new student pages

Istanbul, Turkey

2004–2007

Scientific Software

AR-RO, Summer 2007: [Web-based Vehicle Routing](#),

A graphical user interface providing researchers to work with real-life data. GOOGLE MAPS API is used in order to collect real distances which can be saved into a XML file. Solutions can be visualized on a real map.

Presentations

“Sustainable Urban Transportation: A Bilevel and Multiobjective Optimization Application”
National Operations Research Congress, Istanbul, Turkey, July 1, 2008.

“Development of a Web-Based Digital Mapping Tool to Model the Vehicle Routing Problem”
5th International Logistics and Supply Chain Congress, Istanbul, Turkey, November 9, 2007.

“Development of a Web-Based Digital Mapping Tool to Model the Vehicle Routing Problem”
National Operations Research Congress, Izmir, Turkey, July 3, 2007.

Interests

Sports (Swimming, Tennis, Chess, Sailing, Galatasaray Sports Club Membership)

Design & Photography (Typography, User Interfaces, Canon EOS 400D)

Traveling (Argentina, Austria, Czech Republic, Canada, Greece, Hungary, Italy, France, Ukraine)

Social Sciences (Psychology, Sociology, Education)