

Fuat BASIK

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PERSONAL INFORMATION Contact E-mail: fuat.basik@bilkent.edu.tr
Nationality: Turkish

EDUCATION *Ph.D* Computer Science 2014 -
Bilkent University, Ankara, Turkey
Concentration: Data Intensive Distributed Systems

Master of Science, Computer Science 2012 - 2014
Bilkent University, Ankara, Turkey
Concentration: Data Intensive Distributed Systems
Thesis: S³-TM: Scalable Streaming Short Text Matching
CGPA: 3.84

Bachelor of Science, Computer Science 2007 - 2012
Bilkent University, Ankara, Turkey
Superior Achievement Scholarship (%100)
CGPA: 3.18

RESEARCH INTERESTS I do research in the general area of data intensive distributed systems, with a particular focus on scalable software systems, stream processing, data integration, and big data analytics. I also participated in machine learning and natural language processing projects.

TECHNICAL SKILLS *Languages & Software:* Java, Python, SQL, Hadoop, HBase, Storm.

LANGUAGE SKILLS Turkish: (Native)
English: (IELTS Score: 8)

EXPERIENCE *Research Intern* Summer-2016
IBM T.J. Watson Research Center, Yorktown Heights
• Done research on *Fair Task Allocation in Crowdsourced Delivery* project.

Teaching Assistant 2012-
Bilkent University, Ankara , Turkey
• CS 101 Algorithms & Programming
• CS 114 Introduction to Programming for Engineers.
• CS 281 Computers and Data Organization.

- CS 353 Database systems.

R&D Engineer 2012-2015
Korvus R&D Center, Ankara , Turkey

- Worked on the implementation CloudSMP project.
- Implemented Turkish Text Miner tool for sentiment analysis and text categorization.

PUBLICATIONS

- Fuat Basık, Buğra Gedik, Hakan Ferhatosmanoğlu, Kun-Lung Wu. “Fair Task Allocation in Crowdsourced Delivery”, *Submitted to ICDE 2017*.
- Fuat Basık, Buğra Gedik, Çağrı Etemoğlu, Hakan Ferhatosmanoğlu, “Spatio-Temporal Linkage over Location-Enhanced Services”, *Submitted to IEEE Transactions on Mobile Computing*.
- Fuat Basık, Buğra Gedik, Hakan Ferhatosmanoğlu, Mert Emin Kalender. “S³-TM: Scalable Streaming Short Text Matching”, *Very Large Data Bases Journal (VLDBJ)*, DOI=10.1007/s00778-015-0404-3, 2015. (Poster presented in VLDB 2016)

PROJECTS

CloudSMP 2014-2015
CloudSMP is a cloud based social media platform that allows users to filter microblogging posts with their content. I implemented Storm topology of the system and created Turkish Text Mining Library that system uses.

Turkish Text Miner 2012-2014
A generic text mining library that can apply sentiment analysis and text classification on Turkish text instances. It works with both Mallet and LibSVM libraries.

HONORS AND AWARDS

Travel Grant, International Conference on Very Large Databases. 2016

High Honor Student, Bilkent University Computer Engineering Department. 2012

Honor Student, Bilkent University Computer Engineering Department. 2011

Ranked in the top 100, among 1.4 million examinees in Nation-wide University Entrance Examinations. 2007

EXTRA-CURRICULAR ACTIVITIES

CMAS 1* Scuba Diver

Elected *President*, Bilkent University Art and Science Society, 2011

Elected *President*, Bilkent University Art and Science Society, 2010

Founded Bilkent University Art and Science Society, 2009