

Mehmet Ali Akyol

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EDUCATION

Middle East Technical University — *Ph.D.*

SEPTEMBER 2017 - PRESENT

Department of Information Systems

Middle East Technical University — *M.Sc.*

SEPTEMBER 2014 - SEPTEMBER 2017

Department of Information Systems

University of Essex — *Summer School*

JULY 2017 - AUGUST 2017

Took courses on Big Data and Analytics

Bilkent University — *B.Sc.*

AUGUST 2008 - JUNE 2013

Department of Electrical and Electronics Engineering

EXPERIENCE

Middle East Technical University — *Research Assistant*

DECEMBER 2014 - PRESENT

Conducted research on cloud computing, big data, data mining and machine learning. Worked as a teaching assistant of courses like Computer Networks and Cloud Computing.

Aselsan — *Systems Design Engineer*

JANUARY 2013 - SEPTEMBER 2014

Worked on the design of radio networks and maintenance of related software for various government agencies.

TAI — *Software Development Intern*

AUGUST 2011 - SEPTEMBER 2011

Developed desktop and web applications to be used within the company for recruitment.

SKILLS

Data Science
Big Data
Machine Learning
Cloud Computing
Web Development
Mobile Development
Project Management

TOOLS

#Java #Python #R #PHP
#Javascript #HTML #CSS
#SQL
#Hadoop #Flink #Spark
#Kafka
#Weka #RStudio #Tensorflow
#Codeigniter #NodeJS
#AngularJS #Ionic
#Bootstrap #MySQL
#MongoDB

AWARDS

First place in the StartupBus Europe Hackathon among 6 busses, 40 projects around the Europe, 2014.

Full scholarship from Bilkent University, 2008–2013

Ranked in top 222 in Nationwide University Entrance Exam (OSS) among 1.5 million students in Turkey, 2008.

PROJECTS

[Startup Buffer](#) — *Startup Directory*

Developed a directory website for emerging startups along with the iOS and Android applications. Featured 10,000+ startups across the world.

Tounat — *Travel Startup*

Lead the technical development of a travel platform for travellers to meet with locals. Gained experience with company building and teamwork. Took the 2nd place in Startup Weekend Ankara event.

[Elestirbeni](#) — *Anonymous Social Network*

Developed an anonymous social network which has been used by hundreds of thousands of people in Turkey.

Servistesin — *Vehicle Tracking Service*

As a contractor, developed iOS and Android apps for school bus tracking service for parents.

SELECTED ACADEMIC PAPERS

Akyol, M. A., Gökalp, M. O., Kayabay, K., Eren, P. E., & Koçyiğit, A. (2017, September). A Context Aware Notification Architecture Based on Distributed Focused Crawling in the Big Data Era. In *European, Mediterranean, and Middle Eastern Conference on Information Systems* (pp. 29-39). Springer, Cham.

Gokalp, M. O., Kayabay, K., Akyol, M. A., Eren, P. E., & Koçyiğit, A. (2016, December). Big Data for Industry 4.0: A Conceptual Framework. In *Computational Science and Computational Intelligence (CSCI), 2016 International Conference on* (pp. 431-434). IEEE.

VOLUNTEER WORK

Web Summit

NOVEMBER 2015, IRELAND

Worked as a volunteer and participated at one of the biggest technology events in the world, having more than 42,000 attendees.

Ampion

SEPTEMBER 2015, MOROCCO

Participated in a social entrepreneurship hackathon to increase awareness of entrepreneurship in Africa. Worked on a platform for connecting donors to right NGOs.

LANGUAGES

Turkish / Native

English / Advanced

German / Basic