

# 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.

## INTERESTS

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

## SKILLS / 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