



MERYEM KILIÇ

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SUMMARY

Well-educated and qualified software developer providing 8 years of expertise in different teams and at every stage of the software development life cycle. Desires a challenging position that promotes data engineering skills.

EDUCATION

Bachelor of Science : Computer Engineering, 2011

Middle East Technical University - Ankara

CGPA: 3.36 / 4.00

Master of Science : Computer Engineering, 2014

Middle East Technical University - Ankara

Thesis : A Hybrid Method For Toponym Recognition On Informal Turkish Text

CGPA: 3.48 / 4.00

EXPERIENCE

Senior Software Engineer, 08/2011 to 03/2020

ASELSAN A.Ş. - Ankara, Yenimahalle

- **Big Data Analysis :**

An Apache Spark streaming application is being developed in a Big Data Analysis project. The project includes Apache Kafka (as the stream source), Apache HBase (for database) and Apache Hadoop (Spark will run on Yarn) integration.

- **Surveillance Systems :**

The projects include target detection, visual identification of the target , classification, multiple or single target tracking, calculation of target coordinates, the creation of situational awareness for the region on the geographical information system and algorithm design and implementation to fuse tracks coming from different sources (Track to track fusion).

- **Fire Support Command Control Communication Systems :**

A command, control, communications and information system which provides the automation of planning and execution of fire support.

SKILLS

Technical Skills

- Java / Python
- Apache Spark
- Apache Hadoop
- Apache HBase
- Apache Kafka
- SQL / NoSQL
- Linux/Windows OS

Software Engineering Skills

- Data extraction
- Requirements gathering
- Algorithm implementation
- Testing and debugging
- Project documentation
- Team leadership

ACCOMPLISHMENTS

Publication : Toponym Recognition in Social Media for Estimating the Location of Events

Publisher: IEEE International Conference on Data Mining Workshop (ICDMW)

Publication Date: 04 February 2016

URL : <https://ieeexplore.ieee.org/document/7395649>