



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

- **Vehicle and License Plate Recognition Systems :**
A system network in Turkey encompassing all highways and state roads and processing more than 2 million vehicles per day. Suspicious data are identified automatically through big data techniques.
- **Accomplishments:** Suspicious data analysis algorithm design and implementation, establishment of big data analysis infrastructure.
- **Border Monitoring Systems :**
The project includes 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.
- **Accomplishments:** Radar Systems Integration with Main Command Control Software Product, Automatic Identification System Integration with Main Command Control Software Product.
- **Coastal Surveillance System for Critical Facilities :** A turnkey system solutions for the sea border security of the facilities/ports/military bases.
- **Accomplishments:** Track to track fusion (AIS-Radar) algorithm design and implementation
- **Fire Support Command Control Communication Systems :**
A command, control, communications and information system which provides the automation of planning and execution of fire support.
- **Accomplishments:** WCF Web Service wrapper for NATO ARMAMENTS BALLISTIC KERNEL (NABK)

SKILLS

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