MERYEM KILINÇ

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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 solution 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