Asagiovecler Mah.
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Cankaya/ANKARA

ASIL BARKIN ELIK

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EXPERIENCE

Software Engineer	**Savronik, Ankara**	**02/2017 – Present**

- NATO BRASS SSSB Romania
  - C#, Visual Basic, OracleDB, SNMP, Driver implementation, Virtualization, SVN

Software Engineer	**ICterra, Ankara**	**09/2015 – 02/2017**

- UNIFY Circuit Phone Family
  - C / C++, Qt, Clearcase, Git, JIRA, Confluence
- WebRTC API – POINT
  - Javascript, NodeJS, Express, RabbitMQ, MongoDB, Git
- VSCode Extension – Devices
  - Javascript, Git

Software Engineer, Part-time	**Ericsson, Ankara**	**08/2014 – 07/2015**

- Ericsson IPTV
  - Python, Big Data, Splunk, Elasticsearch
- Ericsson ConceptWave
  - Javascript, SVN
- Ericsson Mediation
  - Java

Software Engineer, Intern	**Aselsan, Ankara**	**06/2014 – 07/2014**

- Network Analyzer Interface
  - C#, Hardware Automation, HP Vee
- Hardware Tester
  - C#, Hybrid modules, Radar systems

Integration Engineer, Intern	**Ericsson, Istanbul**	**06/2013 – 09/2013**

- Turkcell Akilli Depo
  - Java, Ruby, Cloud Computing, Mobile Application Development

EDUCATION

Master of Science	**Hacettepe University**	**02/2017 – Present**

Relevant Graduate Courses:
- Wireless Networks
- Cryptography

CGPA: Not Available

Bachelor of Science	**Middle East Technical University**	**09/2009 – 06/2015**

Relevant Undergraduate Courses:
- Data Structures
- Operating Systems
- Network Systems
- Computer Architectures
- Microprocessors
- Digital and Analog Electronics

CGPA: 2,67 / 4

High School	**Kastamonu Science High School**	**09/2005 – 06/2009**

- Graduated with the second best score in the city out of 4000 students

CGPA: 89,9 / 100

PROJECTS

Survey on VANETs   **Wireless Network Project**   **02/2017 – 06/2017**
- Comparison of several Ant Colony Optimization Algorithms for Vehicular Ad hoc NETworks

Box Dragging Robot   **Capstone Project**   **10/2014 – 06/2015**
- Designing an autonomous robot, which is connected to a companion robot via Bluetooth, which places disoriented and labeled boxes into a narrow path with the help of and in collaboration with its companion
- Used items: Arduino, ultrasound sensor, DC motor, Bluetooth module, RFID reader

Guitar Hero on FPGA   **Digital Design Project**   **02/2014 – 06/2014**
- Implementing the popular Guitar Hero game in FPGA
- Used items: Xilinx, Verilog, Digilent Basys

AM Receiver with Envelope Detector   **Analog Design Project**   **09/2014 – 01/2014**
- Improving AM Receiver by adding envelop detector
- Used items: Basic circuit elements, antennas

Wireless Power Transmission   **Electronics Laboratory Project**   **02/2013 – 06/2013**
- Designing and implementing wireless charger for charging mobile device
- Used items: Op-Amp, inductor

Multitouch Screen   **Electronics Laboratory Project**   **09/2011 – 01/2011**
- Designing and implementing multitouch screen
- Used items: Op-Amp, photoresistor

EXAMINATIONS

- METU EPE: 88,5 / 100   **12/2016**
- YDS: 90 / 100 – Class A   **09/2015**
- ALES: 97,33 / 100   **05/2014**

AWARDS & HONORS

- Capstone Project: 2nd best project in 32 projects   **10/2014 – 06/2015**
- ALES: 81th in 410020 Applicant   **05/2014**
- Honor Student: 3,19 / 4,00   **06/2011 – 08/2011**
- Honor Student: 3,13 / 4,00   **02/2011 – 06/2011**
- High Honor Student: 3,63 / 4,00   **09/2010 – 01/2011**
- OSS: 1347th in 1,2 Million Applicants   **06/2009**

LANGUAGES

- C / C++ / Qt
- Javascript / NodeJS
- C#
- Matlab
- Python
- Shell Scripting

TECHNOLOGIES

- Git / SVN / Clearcase
- MongoDB / OracleDB / SQLite
- RabbitMQ
- WebRTC / SIP / HFA
- Agile - Scrum / Waterfall
- JIRA – Confluence / Redmine - Wiki