NURTEN ALBAYRAK

ANKARA\GÖLBAŞI · 0545 979 3443
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I am an enthusiastic candidate in the field of engineering. I am willing to develop my technical skills, learn about recent technologies and progressive methodology. I believe that working in collaboration with different people brings the most to my personal development. I value to form balanced relationships with people around me.

EXPERIENCE

09.2021 – NOW
HARDWARE DESIGN TEST AND VERIFICATION ENGINEER, ASELSAN A.Ş.

Within the scope of radar and electronic warfare projects, I work in the field of automating test infrastructures and designing automatic test systems (ATE), covering the hardware and software infrastructure required to test the equipment.

Within the scope of this job, the following responsibilities are fulfilled:

- Designing Automatic Test Systems for hardware test teams,
- Designing RF and digital units,
- Developing software for the designed units using C#,
- Procuring materials, managing the purchasing and tracking process,
- Overseeing the production process of the designed units (collaborating with technicians under this item),
- Preparation of documentation.

01.2021 – 02.2022
CANDIDATE ENGINEER, SODER INFORMATION TECHNOLOGIES

-Military radio communication systems
-ETSI GSM Technical Specification;

- GSM 05.01- Physical layer on the radio path
- GSM 05.02 - Multiplexing and multiple access on the radio path
- GSM 01.02 - Public Land Mobile Network (PLMN)

- 3GPP Technical specification;

- TS 45.002-GSM/EDGE Multiplexing and multiple access on the radio path

01.2018 – 05.2021
MATHEMATICS TEACHER, FREELANCER

-I provided education to three students in high school mathematics topics for the purpose of preparing for the Transition to Higher Education Examination (TYT) and the Undergraduate Placement Examination (AYT)

08.2020 – 09.2020
INTERN, TUBITAK SPACE TECHNOLOGIES RESEARCH INSTITUTE (TUBITAK UZAY)

-Platforms and power systems Unit

- I made embedded software for power systems using TI Launcpad kit (MSP-EXP432E401)

10.2018 – 06.2020

COMPUTER LABORATORY SUPERVISOR, GAZI UNIVERSITY

GAZI UNIVERSITY Computer Laboratory Supervisor,
Within the scope of this job, the following responsibilities are fulfilled:

- Ensuring the organization and control of the computer laboratory, providing a practical application area for students to carry out their practical lessons throughout the semester,
- Having knowledge of basic hardware components, operating systems, and programming languages (C, C#), and informing students when necessary.

08.2019 – 09.2019

INTERN, ULAK COMMUNICATIONS A.Ş.

- ITU Technical Report: Transport network support of IMT/2020-5G

- 3GPP's 5G NG-RAN Architecture
- Network slicing (data plane and control plane)
- Control/Management interfaces

-Dynamic spectrum sharing

-5G spectrum auction

08.2017 – 06.2019

VOLUNTEER TEACHER, HABITAT ASSOCIATION AND FACEBOOK

- Through the trainings within the scope of the project, participants are provided with the necessary information to learn social security tools, especially Facebook security rules and to ensure personal information security in the online environment in the most accurate manner.

08.2017 – 05.2018

COORDINATOR, ENDLESS ABROAD INTERNATIONAL EDUCATION CONSULTANCY

- Designing the selection process for participants and organizing events throughout the Endless Campus organization with the aim of ensuring active participation of attendees during the organization.

08.2016 – 08.2017

EDUCATION CONSULTANT, ENDLESS ABROAD INTERNATIONAL EDUCATION CONSULTANCY

Worked as overseas education consultant. (Part-time)

EDUCATION

06.2021

BACHELOR'S DEGREE\ELECTRICAL AND ELECTRONICAL ENGINEERING, GAZI UNIVERSITY

- TERM PROJECT, 09.2020 to 05.2021
  - Application of STANAG-4285 HF military communication system under different mixing techniques and comparative performance analysis,
  - MIL- STD -188110 B
  - Transceiver and channel modelling
-Member of IEEE, 10.10.2016 to 02.06.2018
  - I took part as a board member
- DRONE PROJECT, 25.09.2017 to 20.04.2018
  - I was employed as Project Manager.
  - Flight weight 500gr to 4kg.
- 3D PRINTER PROJECT , 14.11.2016 to 26.05.2017
  - I was employed as R&D Manager.

02.2024-NOW

MASTER'S DEGREE\INFORMATION SYSTEMS, HACETTEPE UNIVERSITY

Software Engineering is one of the subfields of Computer Engineering that supports the development of systems involving hardware, software, and data

SKILLS

- C# Programming Language
- C Programming Language
- Microsoft Office (Word, Excel, Power Points)
- Altium
- Visio

CERTIFICATES AND EVENTS

- C# Language Beginner and Advanced Level Training
  - 03.2022, Udemy

- Learn C# by Developing Applications: Training Set From A to Z
    01.2022, Udemy

- Software Developer's Roadmap
  - 10.2021, Udemy

- Technology Meetings: 5G and Applications – Ankara, 25.06.2019 to 26.06.2019
  - Information about future technology.

- Power Systems Conference 2018 – Ankara, 15.11.2018 to 16.11.2018
  - Information about transmission systems, electricity market and renewable energy.

- Efficiency and Technology Fair – Ankara, 07.12.2018 to 09.12.2018
  - Information about latest technology in Turkey.

- Deep Learning Basics For Image Proccessing
    - 09.2018, BTK AKADEMI

- Habitat Association IMECE Project – Istanbul, 26.11.2017 to 29.11.2017
    - Worked on an artificial intelligence project in a team together with refugees in Turkey.

- From Start to Finish: C Programming Training
    - 05.2017, Udemy

LANGUAGE

- Turkish
- English (Upper Intermediate)
    - YDS-71.25

INTERESTS

It is indispensable for me to take part in volunteer work. I have an extensive interest in economics. I value to form positive relationship with people around me. It has always been delightful for me to discover new places.

REFERENCES

- Çağrı YALÇIN (Lead Engineer at ASELSAN)
    - huyalcin@aselsan.com.tr , +90 555 849 23 63

- Cengiz EKEN (Senior Lead Engineer at ASELSAN)
    - cengizeken@aselsan.com.tr, +90 505 758 17 85

- Özgür ERTUĞ (Prof.Dr. at Gazi University)
    - ertug@gazi.edu.tr, +90 532 203 25 65

- Mehmet Timur AYDEMİR (Prof.Dr. at Kadir Has University)
    - aydemirmt@gmail.com, +90 555 374 78 12