Furkan Borak

Plano, TX
-Email me on Indeed: http://www.indeed.com/r/Furkan-Borak/a01ecb6a7ae0293a

Recent MS in Computer Science & IT graduate with 2+ years of RF engineering experience.
In search of a challenging and growth-oriented full-time position in RF/Network Engineering that will
leverage my technical and professional expertise.

Work Experience

RF Design Engineer
Amdocs - Frisco, TX
July 2019 to Present

• Create RFDS for real estate & construction purpose with the designed equipment and frequency bands
(mainly with AWS,PCS,700, 850, 5G, CBRS) and 4G/5G CIQs for Verizon.
• Work with the real estate, construction, and integration teams to troubleshoot any design related
queries.
• Efficiently deliver various milestones of small cell and macro projects by ensuring Service Level
Agreements for Verizon Carolina, Tennessee, Baltimore and Washington markets.
• Contribute to RF design of regional cellular network by using Atoll to perform coverage analysis.
• Test VOLTE and Data Wireless Network by using DMAT, XCAL, and TEMS Investigation.
• Establish design criteria, link budget and traffic analysis as needed for network design.
• Identify the most suitable location for a small cell node by running propagation plots using Atoll
• Analyze KPIs pulled from TRUECALL, Google Earth, ELPT to efficiently design small cells producing
accurate coverage predictions and offload analysis for LTE bands using Atoll.
• Responsible for proper documentation of regulatory filing, EME compliance and 911 submissions.

Electronics Engineering Intern
Turkish Radio and Television Corporation - Ankara, TR
June 2013 to September 2013

• Implemented telecommunication systems for a variety of corporate users.
• Applied standard engineering techniques and procedures.

Electrical Engineering Intern
Ankara Railway Maintenance and Repair Services - Ankara, TR
June 2012 to September 2012

• Maintenance of contactors, train fans, and controller motherboard repairs.
• Quality control and quality assessment of engines.

Education

M.S. in Computer Science & Information Technologies
Texas A & M University-Commerce - Commerce, TX
August 2017 to May 2021

B.S. in Electrical & Electronics Engineering
Erciyes University - Kayseri
September 2010 to September 2014

Skills

- Microsoft & Linux tools
- Proteus (ISIS)
- Solid Works
  Programming Skills: C
- C++
- Assembly
- Python
- R Language
  Telecom Tools: IMNOS
- RFDS
- ATOLL
- ASSET
- True Call
- Element
- ActixOne
- Citrix
- Ericsson tools
- DMAT
- TEMS
- XCAL
  Certificate
  Cisco CCNA
  English
  Turkish
- 4G/LTE
- Network Engineering

Certifications and Licenses

CCNA