

Okan UYSAL

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Experience

TÜBİTAK

Senior Software Engineer

Istanbul(Asia), TURKEY

January 2022 - Present

- Working as a test automation team leader and project system engineer.
- Working as an integration manager in the project.
- Taking part in the designs of the CI in the project. Designs were created in test automation tools and infrastructure libraries were written.

TÜBİTAK

Senior Software Engineer

Istanbul(Asia), TURKEY

October 2020 - January 2022

- Leading a 7-person RTOS core team. As the core team, memory, communication, scheduler, process/thread, semaphore topics are being developed.
- Taking part in road map determination and design studies in the project.

HUAWEI

Full Stack Developer

Istanbul, TURKEY

June 2020 - August 2020

- Working as a system engineer and full stack developer in the project. Many components such as captcha and media player were developed in the e-interview project.

TÜBİTAK

Software Engineer, RTOS Core Developer

Istanbul(Asia), TURKEY

September 2019 - May 2020

- Improved clock/timer package. CPU usage has been reduced from 30
- Design studies were carried out in the code tree of the project. Fixed unnecessary code snippets in profiles.

Software Engineer, Test Automation Developer

December 2015 - September 2019

- Developed full automatic tool for RTOS. This tool provided communication between host and target. So all written tests are run on the device and the results are reported in excel and html.
- Developed many unit tests and helped improve the quality of the product. Static analysis and dynamic analysis tools were integrated into the project within the scope of DO-178 Level A. LDRA was used as the tool.

Skills

Languages: C, Java, Bash Script, Python.

Software: Git, Clearcase, LibGDX, Gradle, Spring Boot, Java SWT, Firebase, Selenium.

Tools: Eclipse, Android Studio, VS Code, WireShark, Github.

Certificates: ISO-26262 Functional Safety -TUV Nord, 1.National Blockchain Workshop - TÜBİTAK BİLGEM, ARM Cortex-R4 Software Design - Doulos, Intel x86 Assembly Language and Architecture - MindShare, Coursera Stanford Algorithms, Coursera Google Foundations of Project Management.

Education

Hacettepe University

B.S. Computer Science (GPA: 2.78/4.00)

Ankara, TURKEY

September 2010 - August 2015

Interest

Sport: Table tennis, Running, Hiking, Skiing, Swimming.

E-Sport: Watch E-Sport, Play PC Games

Develop Mobile Apps: Educational Apps, Strategy Games, Finance Apps, Data mining.