


Utku ORUC

Computer Engineering Student

Recep Tayyip Erdoğan University, Faculty of Engineering and Architecture,

Department of Computer Engineering

Personal		
Contact Info	+90-551-061-5333 utku2oruc@gmail.com	
Birth Place	Antalya/23.08.2002	
Residence	Pendik/Istanbul/TURKIYE	
Marital Status	Single	
Military Service	Not Completed	
Driving License	Not Exist	
LinkedIn	https://www.linkedin.com/in/utkuoruc/	
Github	https://github.com/utkuoruc	
Hackerrank	https://www.hackerrank.com/utkuoruc	
Do not smoke, drink and have no health problem.		

Career Mission
My professional mission is to improve the quality of life for people and the environment by developing, producing, and implementing innovative solutions based on multidisciplinary skills in technical, social, and administrative areas.

Education	
2021- Present (x.xx/4.00) (Regis. date: 03.03.2021) (Grad. date: xx.07.2024) (Dip. number: xxxxx)	Recep Tayyip Erdogan University, Computer Engineering (%30 Eng.) (BS)
2016-2017 (4.00/5.00) (Regis. date: xx.09.2016) (Grad. date: xx.06.2020) (Dip. number: 80.1)	Alparslan Anadolu Lisesi Pendik/İstanbul

Foreign Languages
I can use English fluently in written and spoken.

Projects and Responsibilities
TÜBİTAK 1001 Project Researcher Student (2022- Present)
IoT Based Monitoring Platform Design, We will build mobile application, firmware, database and service applications.
TEKNOFEST SAMSUN 2022 (2022- Present)
We are building and ITS (Intelligent Transportation System) project based on public transportation problems, we will build mobile application and required services.
STUDENT PROJECTS
Various data structures and algorithms are implemented and they're located on my Github repositories

Licences & certifications

C# Certificate

Java Certificate

Focused Topics

- Internet of Things
- Mobile Development
- Object Oriented Programming

Engineering Experience

Development Toolkits and Frameworks	<ul style="list-style-type: none"> • Java, C, C++, C#, Kotlin • Windows, Linux • Database Design (ER-Diagrams) and Normalization Operations • MySQL, and MongoDB • T-SQL, PL/SQL • GIT, MAVEN, TFS, SVN • Visual Studio, Android Studio, IntelliJ Idea, Eclipse
Project Management and Software Design	<ul style="list-style-type: none"> • Jira, Trello, Confluence, Git Stash / Bitbucket, MS-Project MS Word/Excel/Powerpoint/Access, and several toolkits. • Agile Methodologies / Scrum – Kanban • Software Development Life Cycle Documentation and Management • UML Design and Implementation • Static Code Analysis (Understand) • Object-Oriented Programming (OOP), Aspect-Oriented Programming (AOP) • Test Driven Development (TDD)
Payment Technologies	<ul style="list-style-type: none"> • OTP Generation and Validation • Cryptographic Operation Implementation for File Encryption and Decryption (AES DES DES3 SHA1 SHA256)
Internet-Of-Things (IoT)	<ul style="list-style-type: none"> • ESP32 Projects • NS2 SUMO TRaNS VEINS Simulations
Radio Access Network (RAN) Technologies	<ul style="list-style-type: none"> • ASN-1 Encoder and Decoder

References

Asst. Prof. Dr. Uğur CORUH
 Dept. of Computer Engineering
 Recep Tayyip Erdogan University
 Phone: +90 (464) 223 75 18 / 1249
 ugur.coruh@erdogan.edu.tr
 Fener Mah. Zihni Derin Yerleşkesi, 53100 Rize, Turkey