



Yigit Erkal

Software Developer

Agile software developer in an international project with more than 3 years experience in building/maintaining user interface and designing database systems for embedded devices. Skilled at team collaboration and willing to learn mobile and web application design/development.

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📍 Ankara, Turkey

WORK EXPERIENCE

Software Developer

ICTerra Information and Communication Technologies

07/2017 - Present

Achievements/Tasks

- Developing office desk phones UI with QT and C++.
- Designing and maintaining phone database on SQLite.
- Supporting CI/CD and unit tests for bug free product.
- Helping UI design by customer feedback using Adobe XD.
- Training interns in test automation.

Game Developer Intern

Panteon

08/2016 - 12/2016

Achievements/Tasks

- Developed a tool to regulate the percentage of winning chance of the slot machines using Python.
- Contributed algorithms using object oriented programming principles.

Database Developer Intern

Innova IT Solutions

08/2015 - 12/2015

Achievements/Tasks

- Updated and maintained monthly and annual health insurance of employees statements and reports for associated company, Turk Telekom.
- Created and presented the annual cash flow report by using SQL and Tableau.

EDUCATION

Software Management M.S.

Middle East Technical University

2020 - Present

Courses

- DevOps
- Project Management
- Agile Framework

Computer Engineering

TOBB University of Economics and Technology

2011 - 2017

Courses

- Web Design
- Big Data
- Machine Learning
- Data Mining

SKILLS

C++

QT

Python

Pandas

MySQL

MongoDB

Agile

CI/CD

JIRA

Git

Tableau

Linux CLI

PUBLICATIONS

Y. Erkal., M. Sezgin, S.Gunduz., and S. Sagiroglu, "New Cyber Security Alert System for Twitter", The 14th International Conference on Machine Learning and Applications Miami, USA (2015)

Y. Erkal., A. Kapkic, I. Okutucu "A Method for Detecting Anomalies on Twitter", The 5th International Symposium on Digital Forensics and Security Turgu Mures, Romania (2016)

ACHIEVEMENTS

Certification of Data Visualization and Communication with Tableau

issued by Duke University

Certification of Python for Data Science and AI

issued by IBM

Participation in The 14th International Conference on Machine Learning and Applications organized by IEEE

Participation in Big Data Analytics and Its Applications for Security and Forensics Tutorial

LANGUAGES

English

Full Professional Proficiency

Turkish

Native or Bilingual Proficiency