UMUT YILDIZ
SOFTWARE ENGINEER

A Software Engineering graduate with a keen interest in AI, game development, and mobile technologies. During my internship at Elmed Medical Systems, I played a key role in creating an object detection system for medical procedures using Python(Pytorch, Ultralytics) and OpenCV. I've also developed an Android app using Kotlin , showcasing my mobile development skills. Proficient in Python, C#, Unity, and Kotlin, with ongoing learning in Java, I am enthusiastic about contributing to innovative tech solutions and eager to grow in the industry.

SKILLS

Python

Kotlin

Unity – C#

Html, CSS, JS (General Knowledge)

CONTACT

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[LinkedIn](#)

[GitHub](#)

[Roboflow](#)

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EXPERIENCE

INTERN – ELMED MEDICAL SYSTEMS   2023

During my internship at Elmed Medical Systems, I independently developed an object detection system for flexible ureteroscopy and laser lithotripsy procedures. Utilizing Python and OpenCV, I designed and implemented an advanced algorithm capable of detecting and tracking kidney stones in real time, enhancing the accuracy and efficiency of medical treatments. I also integrated user-friendly features like customizable grid density and object dimension adjustments, ensuring the system's usability for medical professionals. Additionally, I handled data gathering and labeling, ensuring high accuracy in the detection model and improving the overall performance of the system.

AI DATA EVALUATOR – OUTLIER (FREELANCE)   2024-ONGOING

Evaluated and analyzed Turkish language prompts for accuracy, relevance, and clarity.
Provided detailed reports and feedback in English to enhance AI model performance.
Ensured linguistic quality and consistency across prompts.
Identified and categorized linguistic patterns, ambiguities, and potential biases.

EDUCATION

B.S. SOFTWARE ENGINEERING – NEAR EAST UNIVERSITY   2024
GPA 2.92

PROJECTS

[Game Jam Contribution](#) - 2021

[Internship Project](#) - 2023

[FitQuiz](#) - 2024