FURKAN GOKSEL

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EDUCATION

Middle East Technical University, Ankara *2016 - Present*
Department of Computer Engineering CGPA: 3.81

PROJECTS

Process Tracer
The project aims at monitoring and manipulating the system calls made by a Linux Binary. With manipulating option, this project provides researchers to ease fuzzing the system calls of the suspicious file. The project is written in C language.

AgriLoRa: A Smart Agriculture Framework
This project aims to develop a complete cost-effective Smart Agriculture Solution. In this project, I'm responsible for establishing Wireless Sensor Network using LoRa modules. More specifically, I am trying to add new Ad-Hoc routing protocols for communication between LoRa gateways. We will publish the paper of the research in June 2020.

TECHNICAL STRENGTHS

Simulation	OmNet++
Languages	C, C++, Python, Java, MySQL

WORK EXPERIENCE

Secrove Information Security Consulting, Istanbul March 2019 -June 2019
Intern

· During my internship, I performed penetration tests for mobile and web applications. Also, I developed Process Tracer here.

Secrove Information Security Consulting, Istanbul March 2020 - Present
Part-time Security Researchers

· Working in one of the company's project and researching new security areas.

PRESENTATIONS / TALKS

A New Approach to Dynamic Analysis: Process Tracer 30 May 2020
BSCON 2020

· I have made a presentation about system calls, manipulation of them and a analysis tool, that is written by me, Process Tracer.

REFERENCES

Nebi Senol Yilmaz	senol.yilmaz@secrove.com
Asst. Prof. Dr. Pelin Angin	pangin@ceng.metu.edu.tr
Rahmi Yildiz	rahmiy@ssb.gov.tr